SAMSUNG

SM-P902

User Manual

www.samsung.com

About this manual

This device provides high quality mobile communication and entertainment using Samsung's high standards and technological expertise. This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Images and screenshots may differ in appearance from the actual product.
- Content may differ from the final product, or from software provided by service providers or carriers, and is subject to change without prior notice. For the latest version of the manual, refer to the Samsung website, *www.samsung.com*.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Applications related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Available features and additional services may vary by device, software, or service provider.
- Applications and their functions may vary by country, region, or hardware specifications. Samsung is not liable for performance issues caused by applications from any provider other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customise the operating system may cause the device or applications to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select an appropriate data tariff plan. For details, contact your service provider.

- Default applications that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an application provided with the device, contact a Samsung Service Centre. For user-installed applications, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

Instructional icons

Warning: situations that could cause injury to yourself or others

Caution: situations that could cause damage to your device or other equipment

Note: notes, usage tips, or additional information

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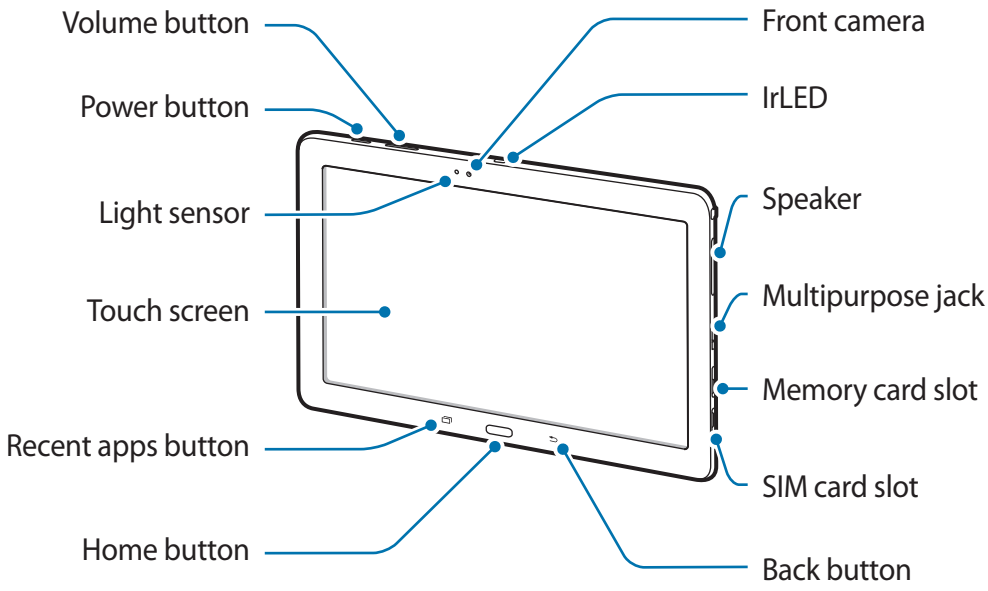
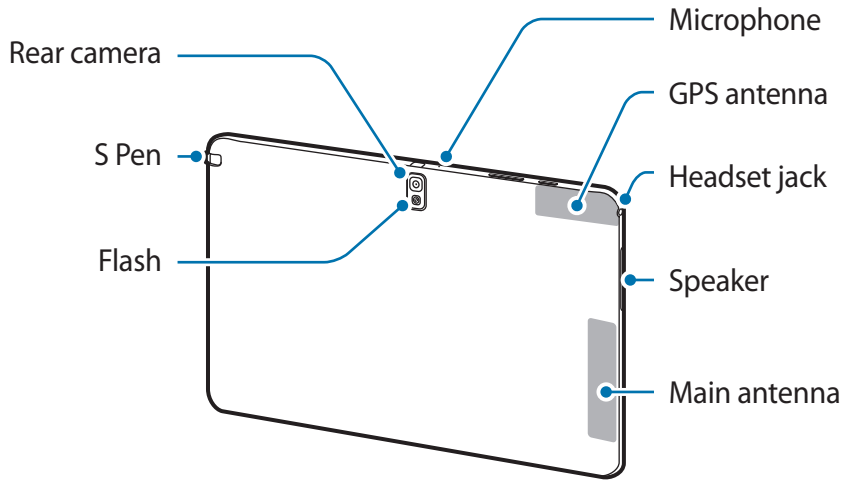
Getting started

Device layout



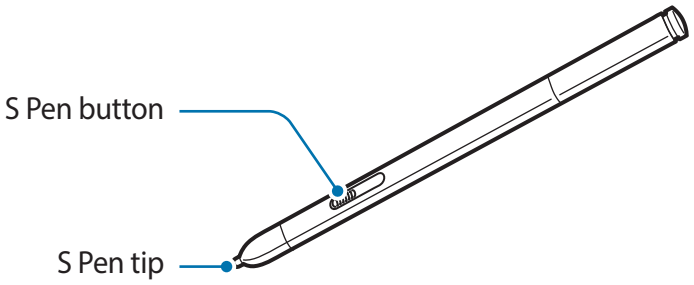


- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.
- Do not use a screen protector. This causes sensor malfunctions.
- Do not allow water to contact the touch screen. The touch screen may malfunction in humid conditions or when exposed to water.

Buttons

Button	Function
Power	• Press and hold to turn the device on or off. • Press and hold for more than 7 seconds to reset the device if it has fatal errors or hang-ups, or freezes. • Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off.
Recent apps	• Tap to open the list of recent applications.
Home	• Press to return to the Home screen. • Press and hold to launch Google search.
Back	• Tap to return to the previous screen.
Volume	• Press to adjust the device volume.

S Pen



Name	Function
S Pen tip	• Perform basic S Pen actions. (p. 20)
S Pen button	• Perform advanced S Pen actions. (p. 33)

Package contents

Check the product box for the following items:

- Device
- Quick start guide

- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Other accessories may not be compatible with your device.
- Use only Samsung-approved accessories. Malfunctions caused by using unapproved accessories are not covered by the warranty service.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

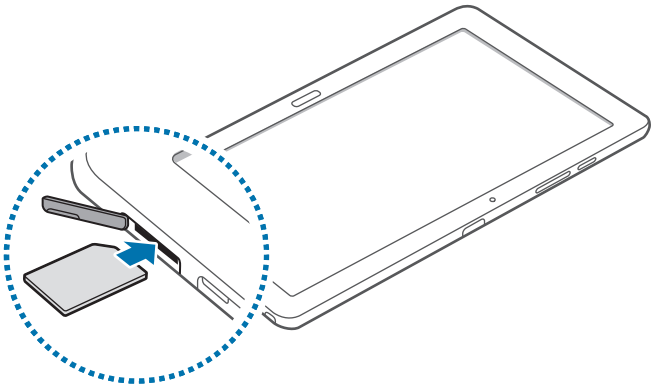
Installing the SIM or USIM card

Insert the SIM or USIM card provided by the mobile telephone service provider.

Only microSIM cards work with the device.

1 Open the cover of the SIM card slot.

2 Insert the SIM or USIM card with the gold-coloured contacts facing downwards.



3 Push the SIM or USIM card into the slot until it locks in place.

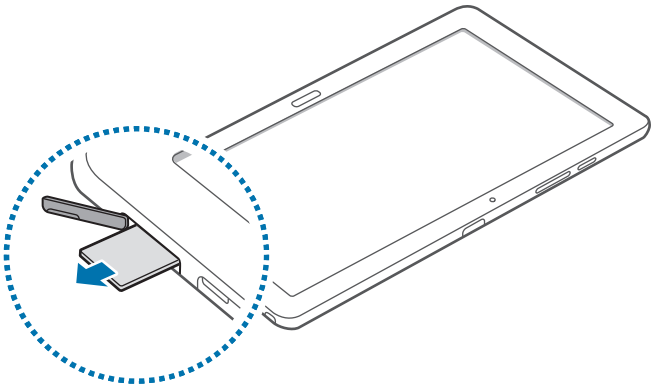
- Do not insert a memory card into the SIM card slot. If a memory card happens to be lodged in the SIM card slot, take the device to a Samsung Service Centre to remove the memory card.
- Use caution not to lose or let others use the SIM or USIM card. Samsung is not responsible for any damages or inconveniences caused by lost or stolen cards.

4 Close the cover of the SIM card slot.

Removing the SIM or USIM card

1 Open the cover of the SIM card slot.

2 Push the SIM or USIM card until it disengages from the device, and then pull it out.



3 Close the cover of the SIM card slot.

Charging the battery

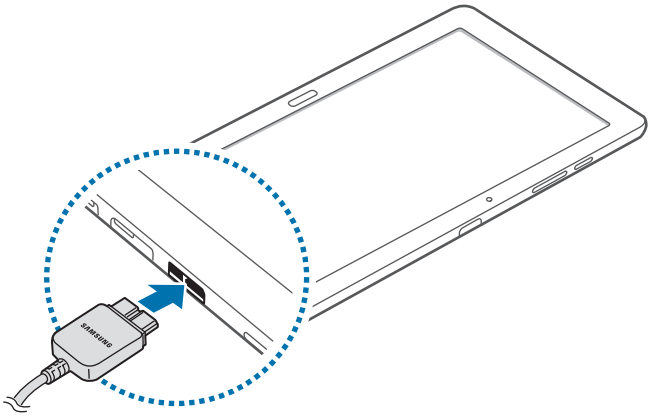
Use the charger to charge the battery before using it for the first time.

Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

- When the battery power is low, the battery icon appears empty.
- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.
- If you use multiple applications at once, network applications, or applications that need a connection to another device, the battery will drain quickly. To avoid disconnecting from the network or losing power during a data transfer, always use these applications after fully charging the battery.

Charging with the charger

Connect the USB cable to the USB power adaptor and then plug the end of the USB cable into the multipurpose jack.



Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touch screen may not function. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.
- If the device is not charging properly, take the device and the charger to a Samsung Service Centre.

After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.

To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The charger should remain close to the electric socket and easily accessible while charging.

Checking the battery charge status

When you charge the battery while the device is off, the following icons will show the current battery charge status:

Charging

Fully charged

Reducing the battery consumption

Your device provides options that help you save battery power. By customising these options and deactivating features in the background, you can use the device longer between charges:

- When you are not using the device, switch to sleep mode by pressing the Power button.
- Close unnecessary applications with the task manager.
- Deactivate the Bluetooth feature.
- Deactivate the Wi-Fi feature.
- Deactivate auto-syncing of applications.
- Decrease the backlight time.
- Decrease the brightness of the display.

Inserting a memory card

Your device accepts memory cards with maximum capacities of 64 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

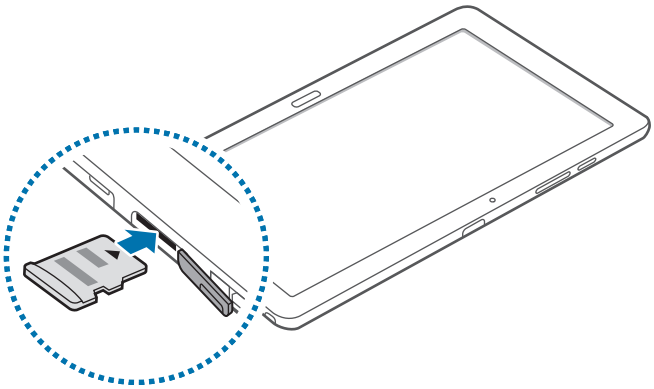
- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.
- Use caution to insert the memory card right-side up.

- The device supports the FAT and the exFAT file systems for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.
- Frequent writing and erasing of data shortens the lifespan of memory cards.
- When inserting a memory card into the device, the memory card's file directory appears in the **SD Memory card** folder.

1 Open the cover of the memory card slot.

2 Insert a memory card with the gold-coloured contacts facing downwards.

3 Push the memory card into the slot until it locks in place.



4 Close the cover of the memory card slot.

Removing the memory card

Before removing the memory card, first unmount it for safe removal. On the Home screen, tap → **Settings** → **General** → **Storage** → **Unmount SD card**.

1 Open the cover of the memory card slot.

2 Push the memory card until it disengages from the device, and then pull it out.

3 Close the cover of the memory card slot.

Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. Samsung is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

Formatting the memory card

A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

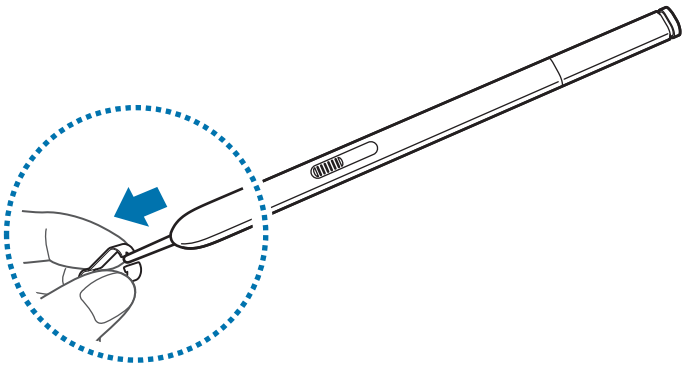
On the Home screen, tap → **Settings** → **General** → **Storage** → **Format SD card** → **Format SD card** → **Erase everything**.

Before formatting the memory card, remember to make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

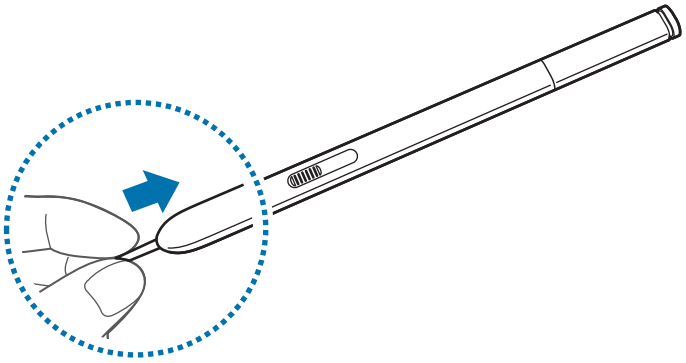
Replacing the S Pen nib

While using the S Pen, the S Pen nib may get dull. If the nib is dull, replace it with a new one.

1 Hold the nib with the tweezers firmly, and then pull it out.



2 Insert a new nib into the S Pen until you hear a click.



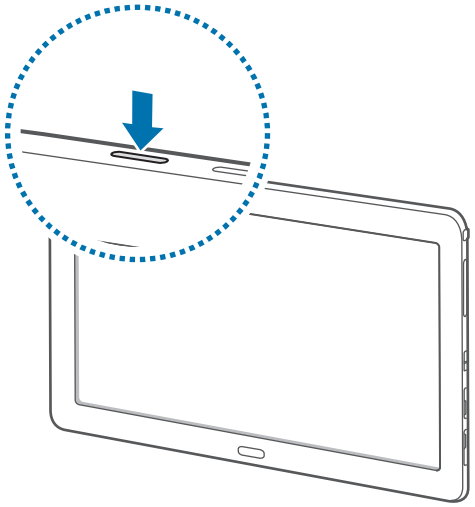
Do not let your finger get caught between the tweezers and the nib.

- Do not reuse old nibs. Doing so may cause the S Pen to malfunction.
- Do not press the nib excessively when inserting the nib into the S Pen.
- Do not insert the round end of the nib into the S Pen. This may cause damage to the S Pen or your device.

Turning the device on and off

When turning on the device for the first time, follow the on-screen instructions to set up your device.

Press and hold the Power button for a few seconds to turn on the device.



- Follow all posted warnings and directions from authorised personnel in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.
- Press and hold the Power button and tap **Flight mode** to disable the wireless features.

To turn off the device, press and hold the Power button, and then tap **Power off**.

Holding the device

Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

Locking and unlocking the device

When not in use, lock the device to prevent unwanted operation. Pressing the Power button turns off the screen and puts the device into lock mode. The device automatically gets locked if it is not used for a specified period.

To unlock the device, press the Power button or the Home button when the touch screen is turned off, tap anywhere on the screen, and then flick your finger in any direction.

Adjusting the volume

Press the Volume button left or right to adjust the ringtone volume, or to adjust the sound volume when playing music or video.

Switching to silent mode

Use one of the following methods:

- Press and hold the Volume button left until it switches to silent mode.
- Press and hold the Power button, and then tap **Mute** or **Vibrate**.
- Open the notifications panel at the top of the screen, and then tap **Sound** or **Vibrate**.

Basics

Indicator icons

The icons displayed at the top of the screen provide information about the status of the device. The icons listed in the table below are most common.

Icon	Meaning
	No signal
	Signal strength
	Roaming (outside of normal service area)
	GPRS network connected
	EDGE network connected
	UMTS network connected
	HSDPA network connected
	HSPA+ network connected
	Wi-Fi connected
	Bluetooth feature activated
	GPS activated
	Smart screen feature activated
	Synced with the web
	Connected to computer
	No SIM or USIM card
	New text or multimedia message

Icon	Meaning
	Alarm activated
	S Pen removed
	Mute mode activated
	Vibration mode activated
	Flight mode activated
	Error occurred or caution required
	Battery power level

Using the touch screen

Use only fingers or the S Pen to use the touch screen.

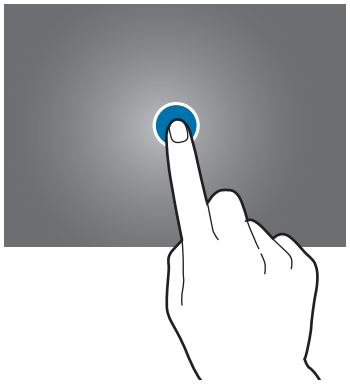
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- To avoid damaging the touch screen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.

- The device may not recognise touch inputs close to the edges of the screen, which are outside of the touch input area.
- Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.

Finger gestures

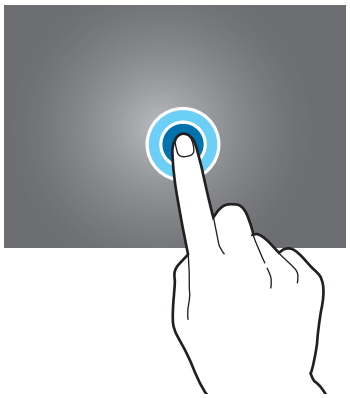
Tapping

To open an application, to select a menu item, to press an on-screen button, or to enter a character using the on-screen keyboard, tap it with a finger.



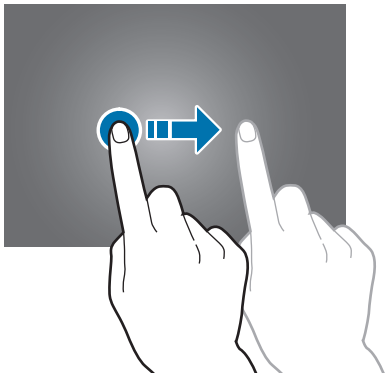
Tapping and holding

Tap and hold an item for more than 2 seconds to access available options.



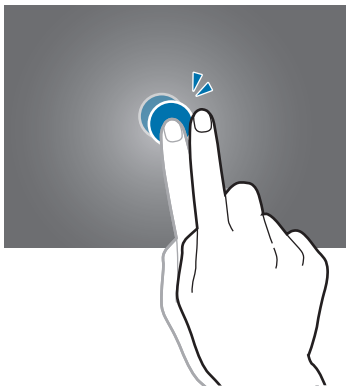
Dragging

To move an icon, thumbnail, or preview to a new location, tap and hold it and drag it to the target position.



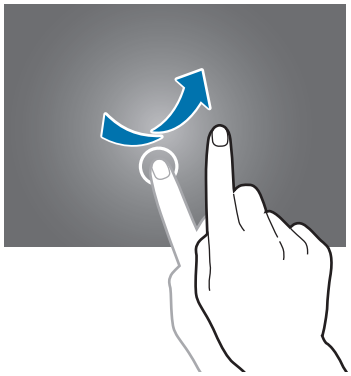
Double-tapping

Double-tap on a webpage or image to zoom in a part. Double-tap again to return.



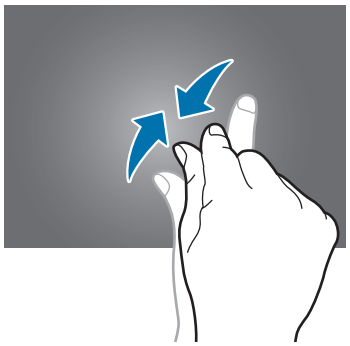
Flicking

Flick left or right on the Home screen or the Applications screen to see another panel. Flick up or down to scroll through a webpage or a list, such as contacts.



Pinching

Spread two fingers apart on a webpage, map, or image to zoom in a part. Pinch to zoom out.



Control motions

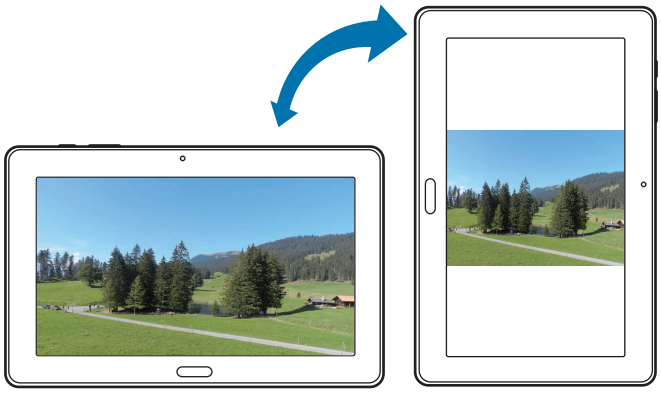
Simple motions allow easy control of the device.

Before using motions, make sure the motion feature is activated. On the Home screen, tap → **Settings** → **Controls** → **Motions**, and then drag the **Motions** switch to the right.

Excessive shaking or impact to the device may result in unintended inputs. Control motions properly.

Rotating the screen

Many applications allow display in either portrait or landscape orientation. Rotating the device causes the display to automatically adjust to fit the new screen orientation.

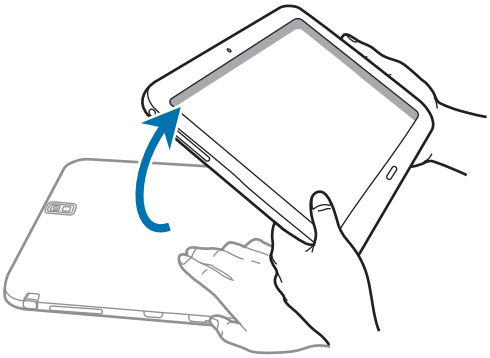


To prevent the display from rotating automatically, open the notifications panel and deselect **Screen rotation**.

- Some applications do not allow screen rotation.
- Some applications display a different screen depending on the orientation.

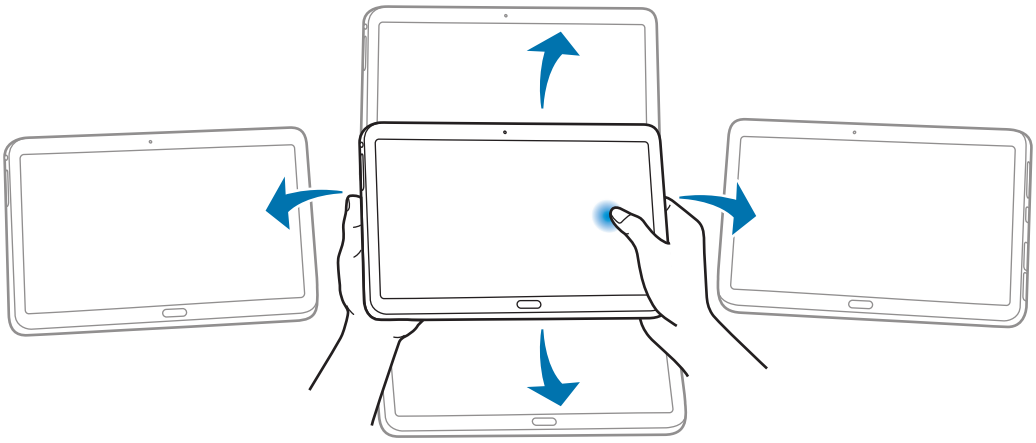
Picking up

When you pick up the device after it has been idle for some time or when the screen has turned off, it vibrates if you have new messages.



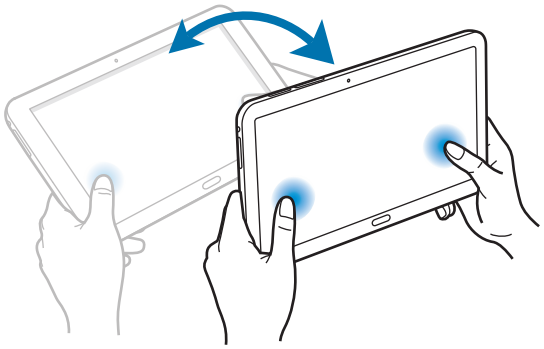
Panning to browse

When an image is zoomed in, tap and hold a point on the screen, and then move the device in any direction to browse the image.



Tilting

Tap and hold two points on the screen, and then tilt the device back and forth to zoom in or out.



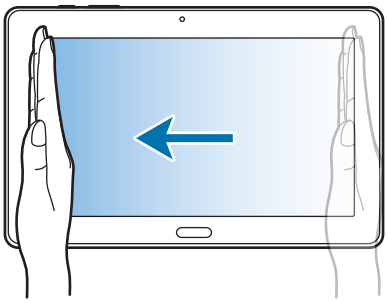
Palm motions

Use palm motions to control the device by touching the screen.

Before using motions, make sure the palm motion feature is activated. On the Home screen, tap → **Settings** → **Controls** → **Palm motion**, and then drag the **Palm motion** switch to the right.

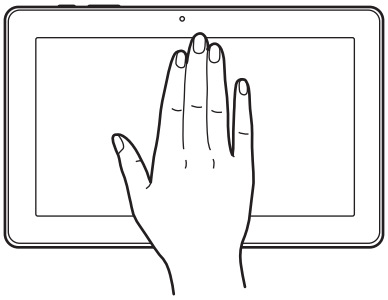
Sweeping

Sweep your hand across the screen to capture a screenshot. The image is saved in **Gallery** → **Screenshots**. It is not possible to capture a screenshot while using some applications.



Covering

Cover the screen with a palm to pause media playback.

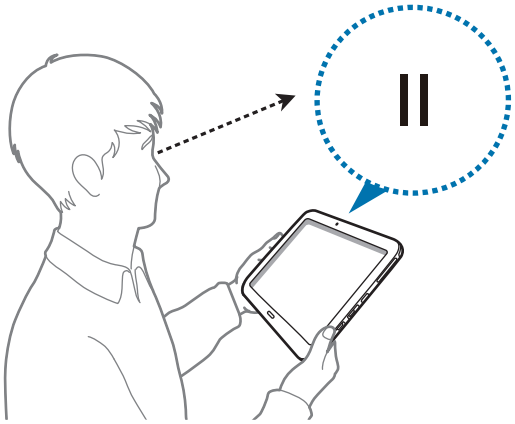


Samsung Smart Pause

Use this feature to pause videos when you look away from the screen.

On the Home screen, tap → **Settings** → **Controls** → **Smart screen**, and then tick **Smart pause**.

During video playback, look away from the screen to pause the video. To resume playback, look at the screen again.



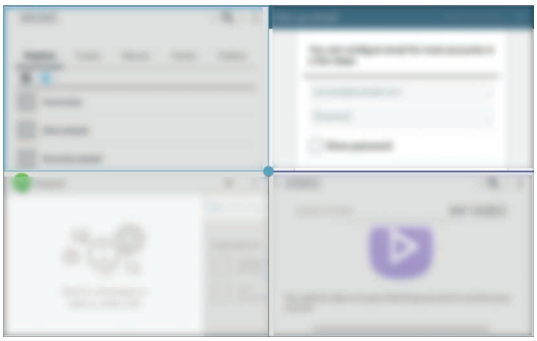
Using Multi Window

Use this feature to run multiple applications on the screen at the same time.

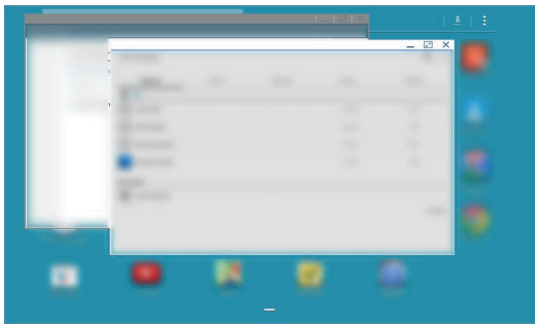
- Only applications on the Multi Window tray can run.
- This feature may not be available depending on the region or service provider.

To use Multi Window, on the Home screen, tap → **Settings** → **Device** → **Multi window**, and then drag the **Multi window** switch to the right.

You can use two types of Multi Window.



<Split screen Multi Window>



<Pop-up Multi Window>

Using a split screen Multi Window

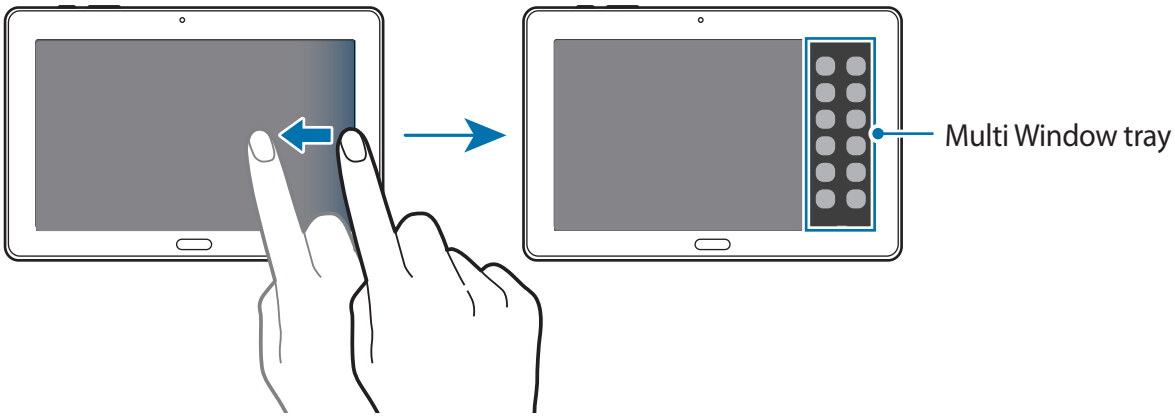
Use this feature to run applications in a split screen.

You can run up to four applications on the screen at the same time.

Launching applications in a split screen Multi Window

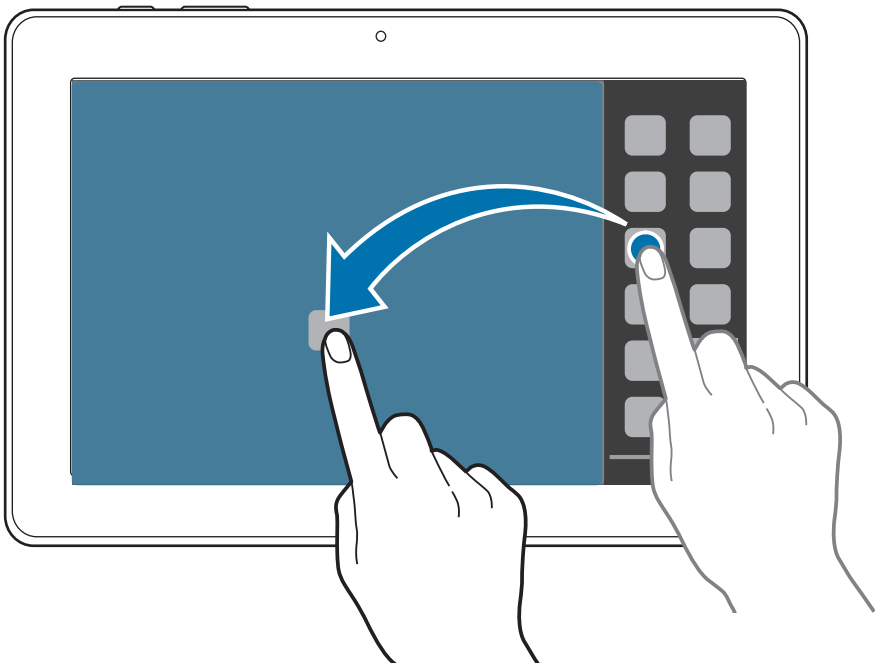
1 Drag your finger from the right edge of the screen towards the middle of the screen. Alternatively, tap and hold ⮌.

The Multi Window tray appears at the right side of the screen.



2 Tap and hold an application icon on the Multi Window tray, and then drag it to the screen.

Release the application icon when the screen turns blue.



3 Tap and hold another application icon on the Multi Window tray, and then drag it to a new location.

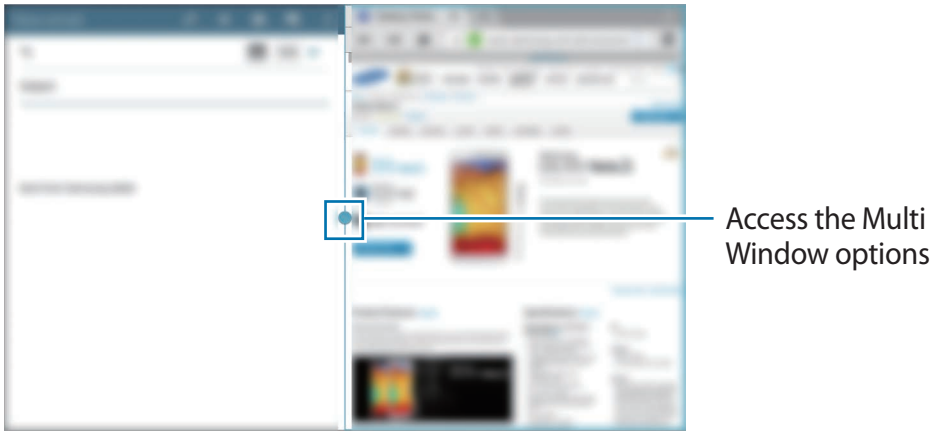
You can launch the same application in a split screen at the same time. Only applications with next to its icon support this feature.

Sharing content between applications

You can easily share content between applications, such as **Email** and **Internet**, by dragging and dropping them.

Some applications may not support this feature.

1 Launch **Email** and **Internet** in a split screen Multi Window.

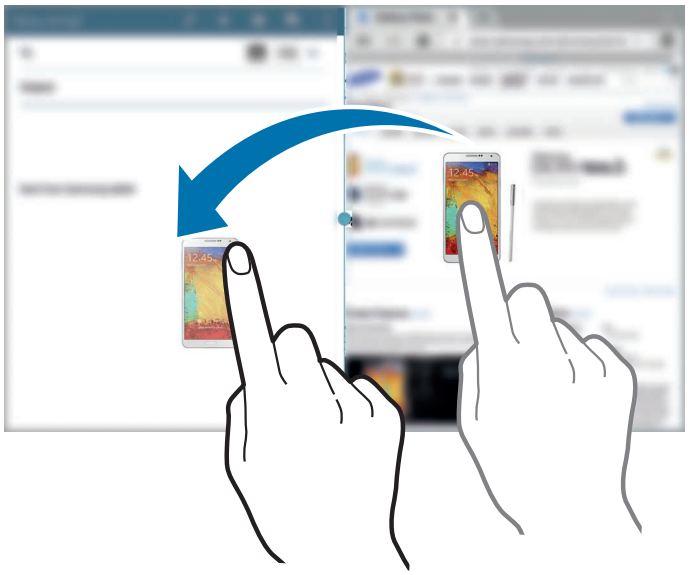


2 Tap the circle between the application windows, and then tap .

Tap the circle between application windows to access the following options:

- : Open a list of recently used applications in the selected window.
- : Switch locations between Multi Window applications.
- : Share items, such as images, text, or links, between application windows by dragging and dropping them.
- : Maximise the window.
- : Close the application.

3 Tap and hold an item in the Internet window and drag it to a location in the Email window.



Creating a Multi Window combination

Use this feature to save currently-running Multi Window applications as a combination.

1 Launch multiple applications in a split screen Multi Window.

2 Open the Multi Window tray and tap → **Create**.

3 Enter a title and tap **OK**.

The currently-running Multi Window combination is added to the Multi Window tray.

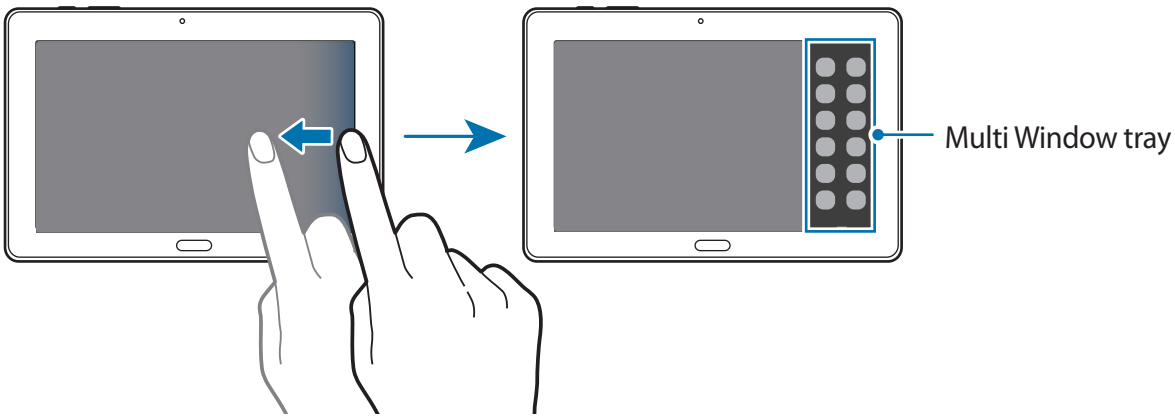
To launch applications using a saved combination, select the combination from the Multi Window tray.

Using a pop-up Multi Window

Use this feature to launch applications in pop-up windows.

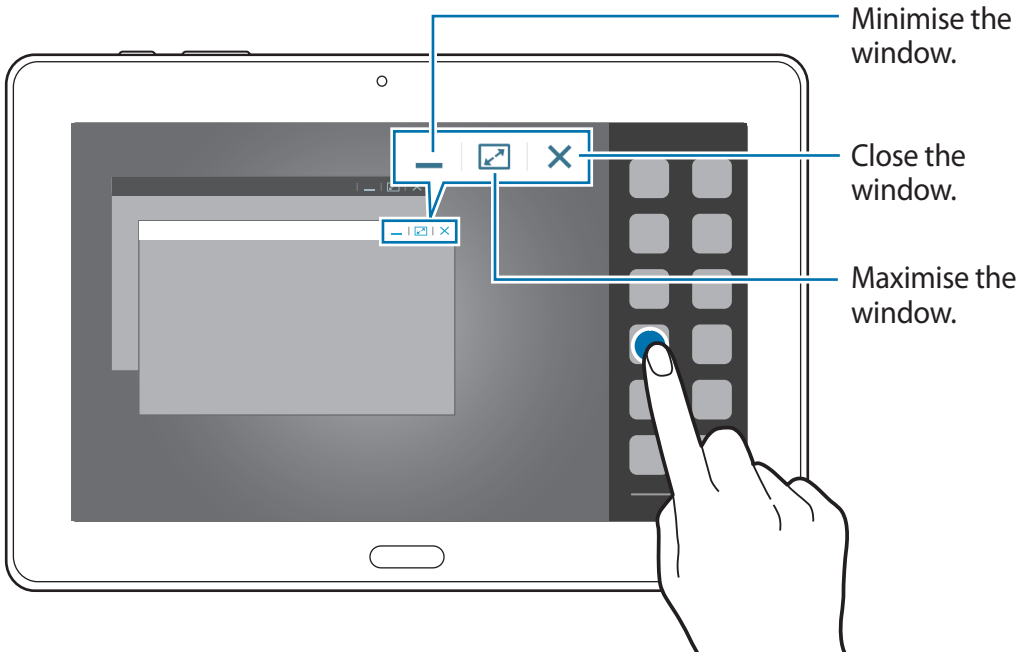
1 Drag your finger from the right edge of the screen towards the middle of the screen. Alternatively, tap and hold ⮌.

The Multi Window tray appears at the right side of the screen.



2 Tap an application icon on the Multi Window tray.

A pop-up window appears on the screen.

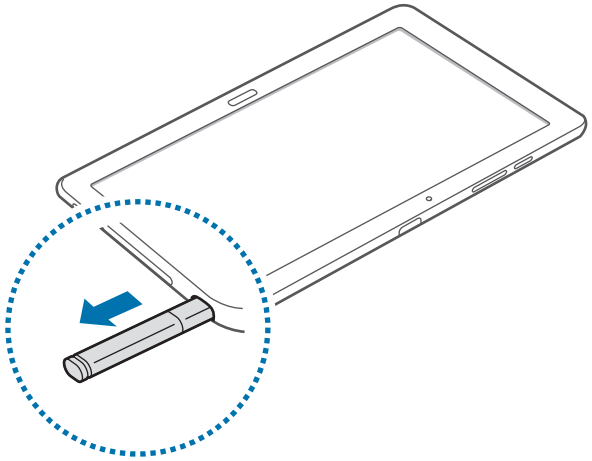


You can launch the same application in multiple pop-up windows at the same time. Only applications with next to its icon support this feature.

Using the S Pen

The included S Pen can be used to easily select items or perform functions. Actions using the S Pen with the button pressed provide additional conveniences, such as screen capture.

Pull out the S Pen from the slot to use it.



When you pull out the S Pen from the slot, the device detects it and performs the following:

- Turns on the touch screen (if it is off).
- Launches Action Memo, or displays air command.

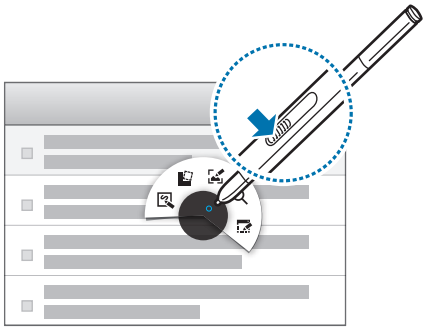
- The nib of the S Pen is replaceable. If the pen nib gets dull, replace it with a new one.
- If the S Pen is not working properly, take it to a Samsung Service Centre. Refer to the Samsung website for more information about the S Pen.
- For best results, keep the S Pen mostly perpendicular to the touch screen and avoid using it at sharp angles.

Air command

Press the S Pen button while hovering the S Pen over the screen to display air command.

With this feature, you can directly use the following actions:

- **Action Memo**: Turn your handwriting into an actionable link to one of a range of useful features.
- **Scrapbooker**: Collect a variety of content and save it. (p. 136)
- **Screen Write**: Capture a screenshot and edit it.
- **S Finder**: Search for a wide variety of content on your device. (p. 135)
- **Pen Window**: Use the S Pen to draw a window and open useful applications inside it.



Making a simple memo

Tap **Action Memo** on the air command. Alternatively, with the S Pen button pressed, double-tap the screen. Write a memo and tap to select the memo. When the menu of functions appears, select a function to use the information on the memo you wrote.

- : Create a contact.
- : Send a message.
- : Send an email.
- : Search the Internet.
- : Search for a location.
- : Create a task.

If you want to use specific information from the memo, tap to deselect the memo and draw a circle around the information.

Capturing screenshots

Tap **Screen Write** on the air command. Alternatively, with the S Pen button pressed, tap and hold the screen until you hear a click. It is possible to draw, write on, or crop a screenshot.

The screenshot is saved in the **Gallery** → **Screenshots** folder.

It is not possible to capture a screenshot while using some applications.

Launching applications in the selected area

Tap **Pen Window** on the air command. Draw a line around an area, and then select an application. The application is launched in the area that you have drawn.

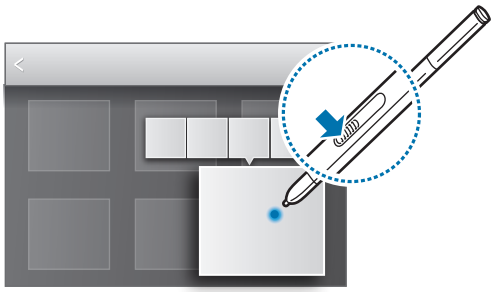
To minimise the application, tap . Minimised applications are displayed as floating icons.

To maximise the application, tap .

To close the applications, tap .

Opening available options

Some items have contextual menus that make the S Pen pointer glow. Press the S Pen button to display the menu while hovering the S Pen over the item.



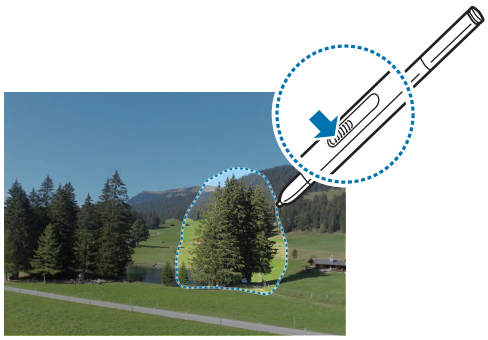
Selecting and capturing an image

With the S Pen button pressed, draw a line around an area to select it.

If necessary, use one of the following options:

- : Restore the original selection.
- : Convert the selection to a circular shape.
- : Convert the selection to a rectangular shape.
- : Customise the selection.

Select an application to use with the selected area from the icons that appear at the bottom of the screen.



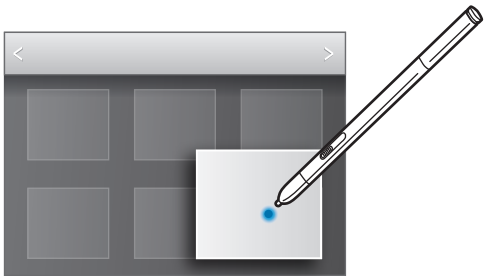
Air view

Use this feature to perform various functions while the S Pen is hovering over the screen.

On the Home screen, tap → **Settings** → **Controls** → **S Pen** → **Air view**, and then drag the switch at the top right of the screen to the right.

Point at an item with the S Pen to preview content or view information in a pop-up window.

You can scroll through panels or lists by moving the S Pen pointer to an edge (top/bottom/left/right) of the screen.



Notifications

Notification icons appear on the status bar at the top of the screen to report new messages, calendar events, device status, and more. Drag down from the status bar to open the notifications panel. Scroll the list to see additional alerts. To close the notifications panel, drag up the bar that is at the bottom of the screen.

From the notifications panel, you can view your device's current settings. Drag down from the status bar, and then tap to use the following options:

- **Wi-Fi**: Activate or deactivate the Wi-Fi feature.
- **GPS**: Activate or deactivate the GPS feature.
- **Sound**: Activate or deactivate silent mode. You can vibrate or mute your device in silent mode.
- **Screen rotation**: Allow or prevent the interface from rotating when you rotate the device.
- **Bluetooth**: Activate or deactivate the Bluetooth feature.
- **Reading mode**: Activate or deactivate reading mode. In reading mode, the device helps protect your eyes when reading at night. To select which applications will be used for, tap **Settings** → **Device** → **Display** → **Reading mode**.
- **Mobile data**: Activate or deactivate the data connection.
- **Blocking mode**: Activate or deactivate blocking mode. In blocking mode, the device will block notifications. To select which notifications will be blocked, tap **Settings** → **Device** → **Blocking mode**.
- **Power saving**: Activate or deactivate power-saving mode.
- **Multi window**: Set the device to use Multi Window.
- **Screen Mirroring**: Activate or deactivate the screen mirroring feature.
- **Wi-Fi hotspot**: Activate or deactivate the Wi-Fi tethering feature.
- **Air view**: Activate or deactivate the air view feature.

- **Smart stay**: Activate or deactivate the smart stay feature.
- **Smart pause**: Activate or deactivate the smart pause feature.
- **Sync**: Activate or deactivate auto-syncing of applications.
- **Flight mode**: Activate or deactivate flight mode.

The available options may vary depending on the region or service provider.

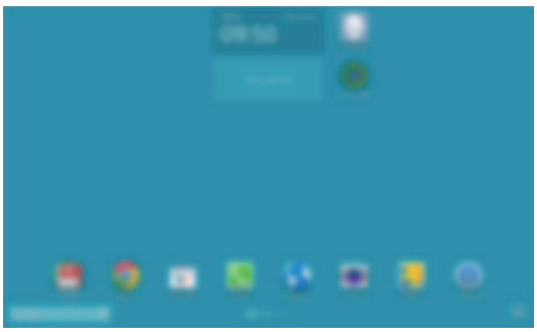
To rearrange the options on the notifications panel, open the notifications panel, tap → , tap and hold an item, and then drag the item to another location.

Home screen

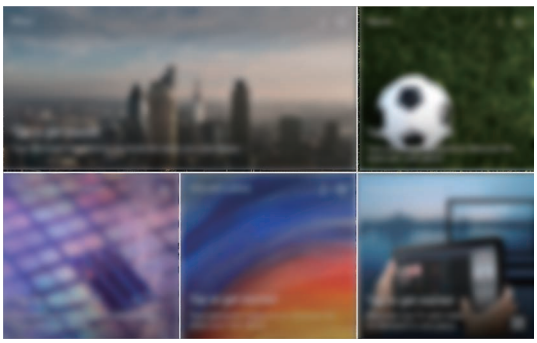
The Home screen is the starting point to access all of the device's features.

The Home screen has two different kinds of panels. The Classic home screen panel displays shortcuts to applications and widgets, and the Content home screen panel displays Content widgets.

The Home screen can have multiple panels. To view other panels, scroll left or right.



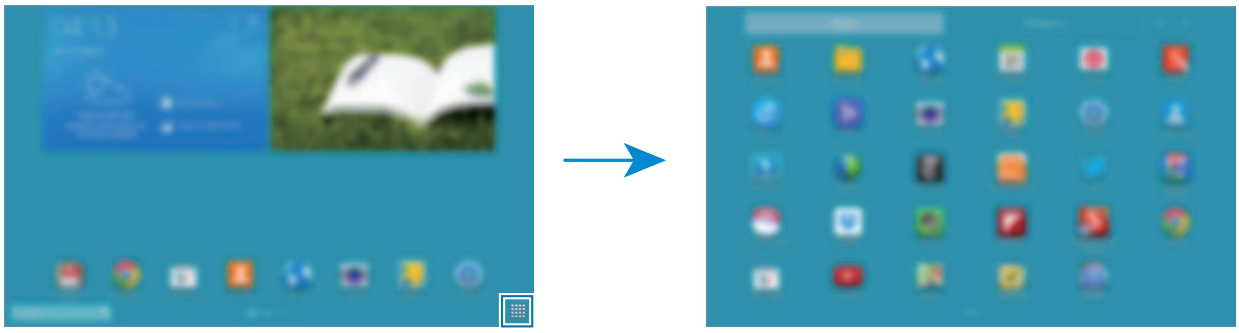
<Classic home screen>



<Content home screen>

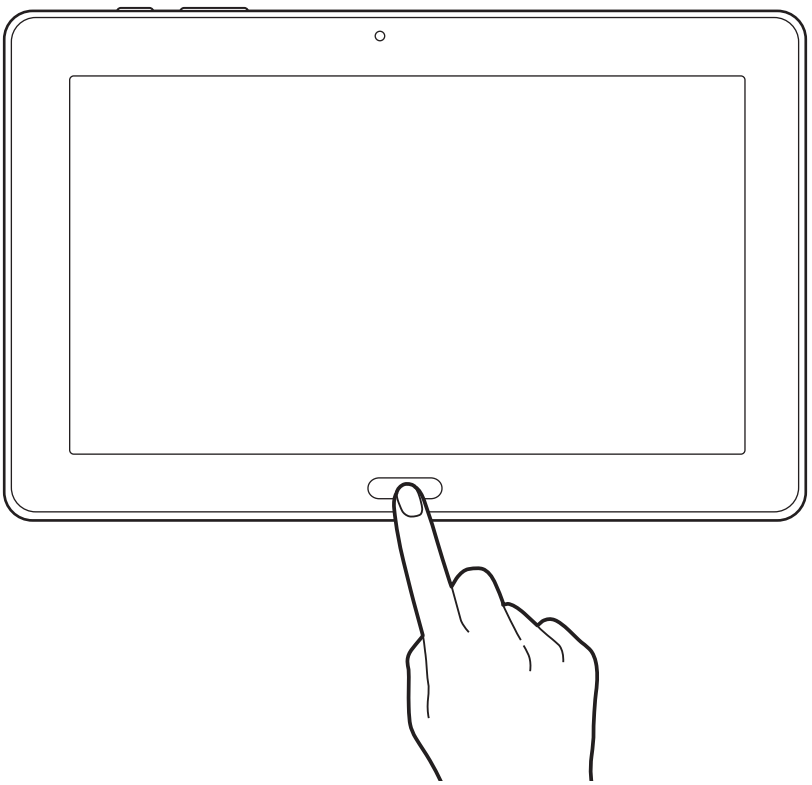
Viewing all applications

On the Home screen, tap to view all applications.



<Home screen> <Applications screen>

To return to the Home screen, press the Home button.



Using the Classic home screen

The Classic home screen displays indicator icons, widgets, shortcuts to applications, and others.

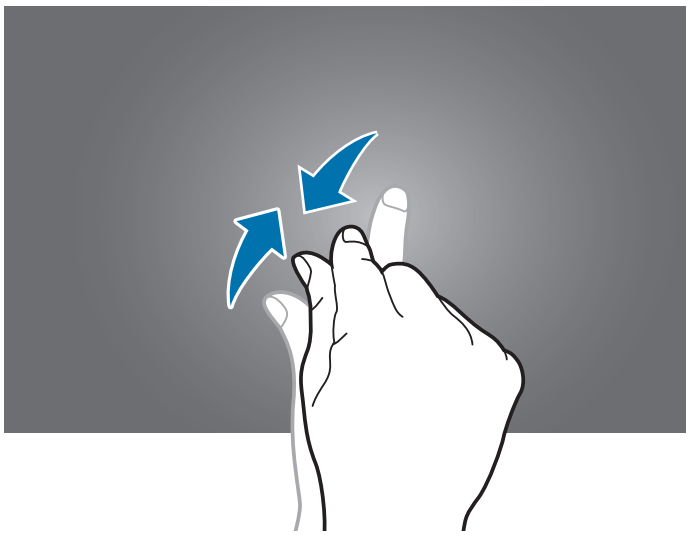
Adding an item

1 Tap on the Home screen.

2 Tap and hold an item from the **Apps** or **Widgets** tab and drag it to the desired location.

Adding or removing a panel from the Classic home screen

1 Pinch your fingers together on the Classic home screen.



2 Tap ➕ to add a panel.

To remove a panel, tap and hold a panel and drag it to the rubbish bin at the top of the screen.

Setting wallpaper

Set an image or photo stored in the device as wallpaper for the Classic home screen.

Tap and hold an empty area on the Classic home screen, tap **Home screen**, and then select one of the following:

- **Gallery**: See photos taken by the device's camera or images downloaded from the Internet.
- **Live wallpapers**: See animated images.
- **Photos**: See images in **Photos**.
- **Wallpapers**: See wallpaper images.

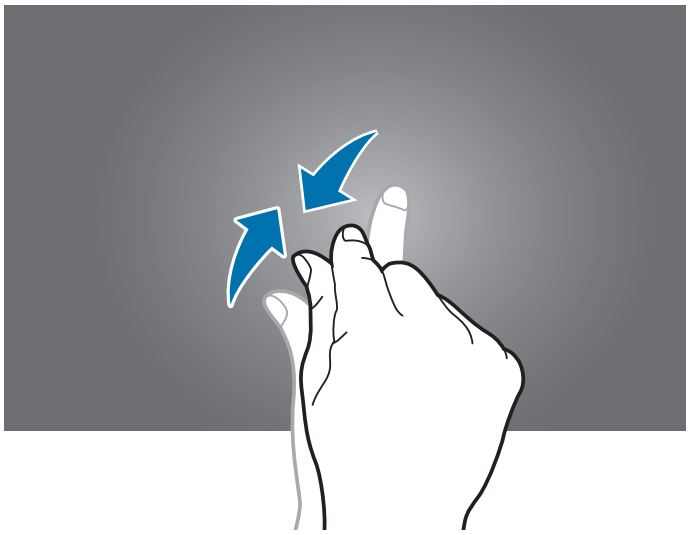
Select an image, resize the frame if necessary, and then set it as wallpaper.

Using the Content home screen

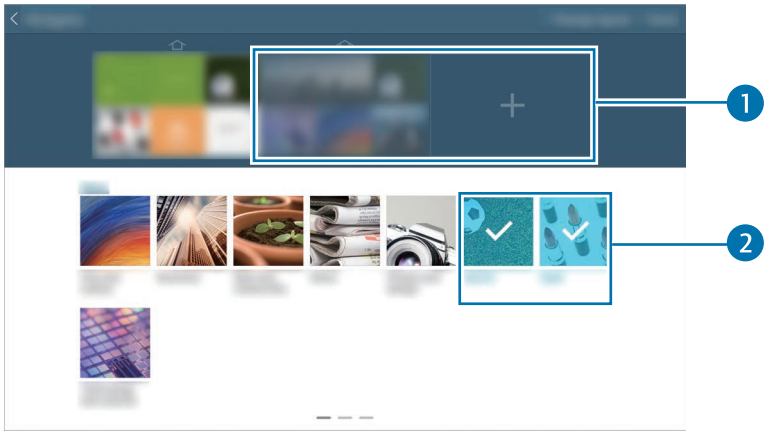
The Content home screen displays Content widgets. You can access an application directly by selecting a Content widget on the Content home screen.

Adding a widget or panel

1 Pinch your fingers together on the Content home screen.



2 On the Widgets screen, select a panel to edit or tap to create a new panel (1). Select widgets to add to the panel from the bottom pane of the screen (2).



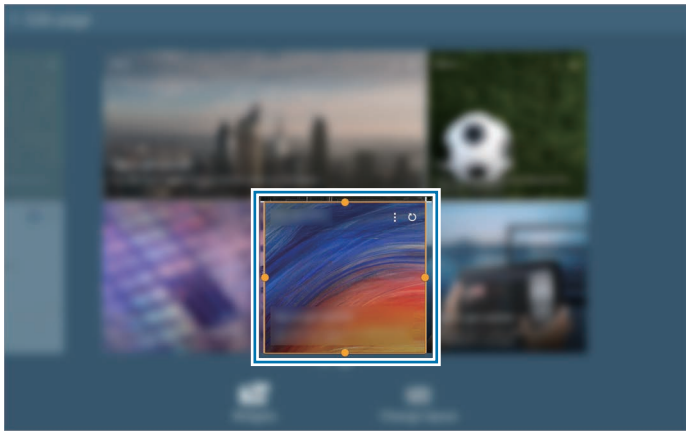
Scroll left or right on the bottom pane of the screen to view more widgets.

3 Tap **Done**.

Adjusting widget size

1 On the Content home screen, tap and hold a widget you want to resize.

2 Adjust the size of the widget by dragging the frame around it.



3 Tap to save the change.

Removing a panel from the Content home screen

1 Pinch your fingers together on the Content home screen.

2 On the Widgets screen, tap and hold the panel to remove.

3 Drag the panel to the rubbish bin at the top of the screen.
When the rubbish bin turns red, release the panel.

At least one panel must remain on the Content home screen.

Applications screen

The Applications screen displays icons for all applications, including any new applications installed.

On the Home screen, tap to open the Applications screen.

To view other panels, scroll left or right.

Rearranging applications

This feature is available only in the customisable grid view.

Tap → **Edit**, tap and hold an application, and then drag it to a new location. To move it to another panel, drag it to the side of the screen.

Organising with folders

Put related applications together in a folder for convenience.

Tap → **Edit**, tap and hold an application, and then drag it to **Create folder**. Enter a folder name and then tap **OK**. Put applications into the new folder by dragging, and then tap **Save** to save the arrangement.

Rearranging panels

Pinch on the screen, tap and hold a panel preview, and then drag it to a new location.

Installing applications

Use application stores, such as **Samsung Apps**, to download and install applications.

Uninstalling applications

Tap → **Uninstall/disable apps**, and then select an application to uninstall it.

Default applications that come with the device cannot be uninstalled.

Disabling applications

Tap → **Uninstall/disable apps**, and then select an application to disable it.

To enable the application, on the Applications screen, tap **Settings** → **General** → **Application manager**, scroll to **DISABLED**, select the application, and then tap **Enable**.

- Downloaded applications and some default applications that come with the device cannot be disabled.
- When you use this feature, disabled applications disappear from the Applications screen but are still stored in the device.

Using applications

This device can run many different types of applications, ranging from media to Internet applications.

Opening an application

On the Home screen or the Applications screen, select an application icon to open it.

Some applications are grouped into folders. Tap a folder, and then tap an application to open it.

Opening from recently-used applications

Tap to open the list of recently-used applications.

Select an application icon to open.

Closing an application

Close applications not in use to save battery power and maintain device performance.

Tap → **Task manager**, and then tap **End** next to an application to close it. To close all running applications, tap **End all**. Alternatively, tap → **Close all**.

Help

Access help information to learn how to use the device and applications or configure important settings.

Tap **Help** on the Applications screen. Select a category to view tips.

To sort categories by an alphabetical order, tap .

To search for keywords, tap .

Entering text

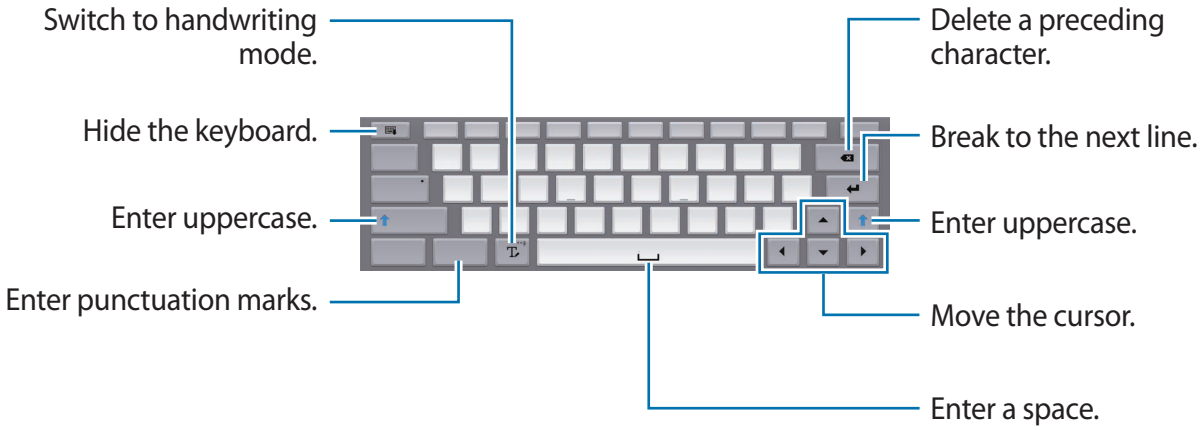
Use the Samsung keyboard or the voice input feature to enter text.

Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.

Changing the keyboard type

Tap any text field, open the notifications panel, tap **Choose input method**, and then select the type of keyboard to use.

Using the Samsung keyboard



Entering uppercase

Tap **Shift** before entering a character. For all caps, tap **Caps lock**.

Changing the keyboard type

Tap and hold , and then tap to change the keyboard type.

On the floating keyboard, tap and hold and move the floating keyboard to another location.

Changing language keyboards

Add languages to the keyboard, and then slide the space key left or right to change language keyboards.

Handwriting

Tap , and then write a word with a finger or the S Pen. Suggested words appear as characters are entered. Select a suggested word.

Use handwriting gestures to perform actions, such as editing or deleting characters and inserting spaces. To view the gesture guides, tap and hold , and then tap → **Help**.

This feature may not be available depending on the region or service provider.

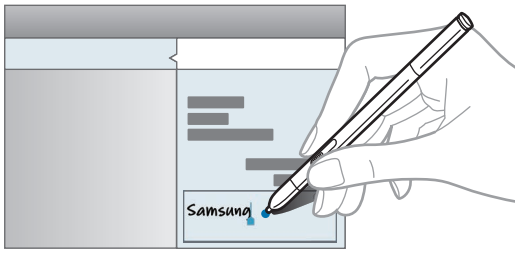
Direct pen input

On the Applications screen, tap **Settings** → **Controls** → **S Pen** → **Direct pen input**, and then drag the switch at the top right of the screen to the right.

When you are hovering the S Pen over a text field, appears at the upper left corner of the text field. Tap to write with the S Pen. To make simple corrections, change input languages, or enter a space between characters, tap each correction tool displayed on the handwriting pad.

When this feature is enabled, you can do the following:

- Send a handwritten message.
- Set an alarm just by writing numbers.
- Browse the Internet by writing web addresses.



Entering text by voice

Activate the voice input feature and then speak into the microphone. The device displays what you speak.

If the device does not recognise your words correctly, tap the underlined text and select an alternative word or phrase from the dropdown list.

To change the language or add languages for the voice recognition, tap the current language.

Copying and pasting

Tap and hold over text, drag or to select more or less text, and then tap **Copy** to copy or **Cut** to cut. The selected text is copied to the clipboard.

To paste it into a text entry field, tap and hold at the point where it should be inserted, and then tap **Paste**.

Connecting to a Wi-Fi network

Connect the device to a Wi-Fi network to use the Internet or share media files with other devices. (p. 142)

Turning Wi-Fi on and off

Open the notifications panel, and then tap **Wi-Fi** to turn it on or off.

- Your device uses a non-harmonised frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors.
- Turn off Wi-Fi to save the battery when not in use.

Joining Wi-Fi networks

On the Applications screen, tap **Settings** → **Connections** → **Wi-Fi**, and then drag the **Wi-Fi** switch to the right.

Select a network from the list of detected Wi-Fi networks, enter a password if necessary, and then tap **Connect**. Networks that require a password appear with a lock icon. After the device connects to a Wi-Fi network, the device will automatically connect to it any time it is available.

Adding Wi-Fi networks

If the desired network does not appear in the networks list, tap **Add Wi-Fi network** at the bottom of the networks list. Enter the network name in **Network SSID**, select the security type and enter the password if it is not an open network, and then tap **Connect**.

Activating Wi-Fi CERTIFIED Passpoint

With Passpoint, the device automatically searches for available Wi-Fi networks and connects to one. If you move to a new area it will connect to another available Wi-Fi network without requiring a password.

On the Applications screen, tap **Settings** → **Connections** → **Wi-Fi** → ⋮ → **Advanced**, and then drag the **Passpoint** switch to the right.

Forgetting Wi-Fi networks

Any network that has ever been used, including the current network, can be forgotten so the device will not automatically connect to it. Select the network in the networks list, and then tap **Forget**.

Setting up accounts

Google applications, such as **Play Store**, require a Google account, and **Samsung Apps** requires a Samsung account. Create Google and Samsung accounts to have the best experience with the device.

Adding accounts

Follow the instructions that appear when opening a Google application without signing in to set up a Google account.

To sign in with or sign up for a Google account, on the Applications screen, tap **Settings** → **General** → **Accounts** → **Add account** → **Google**. After that, tap **New** to sign up, or tap **Existing**, and then follow the on-screen instructions to complete the account setup. More than one Google account can be used on the device.

Set up a Samsung account as well.

Removing accounts

On the Applications screen, tap **Settings** → **General** → **Accounts**, select an account name under **My accounts**, select the account to remove, and then tap **Remove account**.

Setting up user profiles

Set up user profiles and then select one when unlocking the device to use personalised settings. By setting up multiple user profiles, several users can share the device without affecting others' personal settings, such as email accounts, wallpaper preferences, and more.

On the Applications screen, tap **Settings** → **General** → **Users** → → **OK** → **Set up now**, and then follow the on-screen instructions to set up a new user profile. To access the device with a user profile, select a profile at the top right of the locked screen.

Transferring files

Move audio, video, image, or other types of files from the device to the computer, or vice versa.

The following file formats are supported by some applications. Some file formats are not supported depending on the version of the device's software or the computer operating system.

- Music: mp3, m4a, mp4, 3gp, 3ga, wma, ogg, oga, aac, and flac
- Image: bmp, gif, jpg, and png
- Video: avi, wmv, asf, flv, mkv, mp4, 3gp, webm, and m4v
- Document: doc, docx, xls, xlsx, ppt, pptx, pdf, and txt

If the applications cannot play files in divx or ac3 format, install applications that support them.

Connecting with Samsung Kies

Samsung Kies is a computer application that manages media contents and personal information with Samsung devices. Download the latest Samsung Kies from the Samsung website.

1 Connect the device to the computer using the USB cable.

Samsung Kies launches on the computer automatically. If Samsung Kies does not launch, double-click the Samsung Kies icon on the computer.

2 Transfer files between your device and the computer.

Refer to the Samsung Kies help for more information.

Connecting with Windows Media Player

Ensure that Windows Media Player is installed on the computer.

1 Connect the device to the computer using the USB cable.

2 Open Windows Media Player and sync music files.

Connecting as a media device

1 Connect the device to the computer using the USB cable.

2 Open the notifications panel, and then tap **Connected as a media device** → **Media device (MTP)**.

Tap **Camera (PTP)** if your computer does not support Media Transfer Protocol (MTP) or not have any appropriate driver installed.

3 Transfer files between your device and the computer.

Securing the device

Prevent others from using or accessing personal data and information stored in the device by using the security features. The device requires an unlock code whenever unlocking it.

Setting a signature

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Signature**.

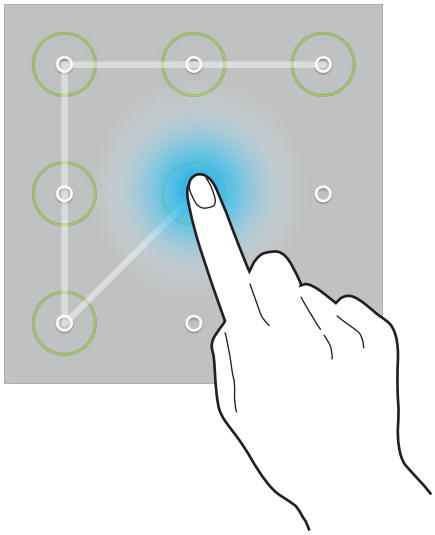
Draw your signature, and then draw the signature two more times to verify it. Set a backup unlock PIN to unlock the screen when you forget the signature.

When unlocking the device, make sure to write your signature in the same conditions, such as writing angle, as when you registered the signature.

Setting a pattern

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Pattern**.

Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it. Set a backup unlock PIN to unlock the screen when you forget the pattern.



Setting a PIN

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **PIN**.

Enter at least four numbers, and then enter the password again to verify it.

Setting a password

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Password**.

Enter at least four characters including numbers and symbols, and then enter the password again to verify it.

Unlocking the device

Turn on the screen by pressing the Power button or the Home button, and enter the unlock code.

If the unlock code is forgotten, take the device to a Samsung Service Centre to reset it.

Upgrading the device

The device can be upgraded to the latest software.

This feature may not be available depending on the region or service provider.

Upgrading with Samsung Kies

Launch Samsung Kies and connect the device to the computer. Samsung Kies automatically recognises the device and shows available updates in a dialogue box, if any. Click the Update button in the dialogue box to start upgrading. Refer to the Samsung Kies help for details on how to upgrade.

- Do not turn off the computer or disconnect the USB cable while the device is upgrading.
- While upgrading the device, do not connect other media devices to the computer. Doing so may interfere with the update process.

Upgrading over the air

The device can be directly upgraded to the latest software by the firmware over-the-air (FOTA) service.

On the Applications screen, tap **Settings** → **General** → **About device** → **Software update** → **Update**.

Communication

Contacts

Use this application to manage contacts, including phone numbers, email addresses, and others.

Tap **Contacts** on the Applications screen.

Managing contacts

Tap **Contacts**.

Creating a contact

Tap and enter contact information.

- : Add an image.
- / : Add or delete a contact field.

Editing a contact

Select a contact to edit, and then tap .

Deleting a contact

Tap .

Searching for contacts

Tap **Contacts**.

Use one of the following search methods:

- Scroll up or down the contacts list.
- Use the index at the left side of the contacts list for quick scrolling, by dragging a finger along it.
- Tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

- : Add to favourite contacts.
- : Compose a message.
- : Compose an email.

Displaying contacts

Tap **Contacts**.

By default, the device shows all saved contacts.

Tap → **Settings** → **Contacts to display**, and then select a location where contacts are saved.

Moving contacts

Tap **Contacts**.

Moving contacts to Google

Tap → **Merge accounts** → **Merge with Google**.

Contacts moved to Google Contacts appear with in the contacts list.

Moving contacts to Samsung

Tap → **Merge accounts** → **Merge with Samsung**.

Contacts moved to Samsung Contacts appear with in the contacts list.

Importing and exporting contacts

Tap **Contacts**.

Importing contacts

Tap ⋮ → **Settings** → **Import/Export**, and then select an import option.

Exporting contacts

Tap ⋮ → **Settings** → **Import/Export**, and then select an export option.

Sharing contacts

Tap ⋮ → **Share namecard via** → **Multiple contacts**, select contacts, tap **Done**, and then select a sharing method.

Favourite contacts

Tap **Favourites**.

Tap + to add contacts to favourites.

Tap ⋮, and then take one of the following actions:

- **Search**: Search for contacts.
- **Remove from favourites**: Remove contacts from favourites.
- **Grid view** / **List view**: View contacts in grid or list form.
- **Help**: Access help information about using contacts.

Contact groups

Tap **Groups**.

Creating a group

Tap +, set details for the group, add contacts, and then tap **Save**.

Adding contacts to a group

Select a group, and then tap ⋮ → **Add member**. Select contacts to add, and then tap **Done**.

Managing groups

Select a group, tap , and then take one of the following actions:

- **Search**: Search for contacts.
- **Delete groups**: Select user-added groups, and then tap **Done**. Default groups cannot be deleted.
- **Edit**: Change the group settings.
- **Add member**: Add members to the group.
- **Remove member**: Remove members from the group.
- **Send message**: Send a message to a group's members.
- **Send email**: Send an email to a group's members.
- **Change order**: Tap and hold next to the group name, drag it up or down to another position, and then tap **Done**.
- **Help**: Access help information about using contacts.

Sending a message or email to a group's members

Select a group, tap → **Send message** or **Send email**, select members, and then tap **Done**.

Business card

Tap **Contacts**.

Create a business card and send it to others.

Tap **Set up my profile**, enter details, such as phone number, email address, and postal address, and then tap **Save**. If user information has been saved when you set up the device, select the business card, and then tap to edit.

Tap → **Share namecard via** → **Selected contact**, and then select a sharing method.

Messages

Use this application to send text messages (SMS) or multimedia messages (MMS).

Tap **Messages** on the Applications screen.

You may incur additional charges for sending or receiving messages while you are outside your home service area. For details, contact your service provider.

Sending messages

Tap , add recipients, enter a message, and then tap .

Use the following methods to add recipients:

- Enter a phone number.
- Tap , select contacts, and then tap **Done**.

Use the following methods to make a multimedia message:

- Tap , and attach images, videos, contacts, notes, events, and others.
- Tap → **Add subject** to enter a subject.

Sending handwritten messages

When you are hovering the S Pen over a text field, appears at the upper left corner of the text field. Tap , and tap to enter a handwritten message with the S Pen.

Sending scheduled messages

While composing a message, tap → **Scheduling**. Set a time and date, and then tap **OK**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Viewing incoming messages

Incoming messages are grouped into message threads by contact.

Select a contact to view the person's message.

Email

Use this application to send or view email messages.

Tap **Email** on the Applications screen.

Setting up email accounts

Set up an email account when opening **Email** for the first time.

Enter the email address and password. Tap for a private email account, such as Google Mail, or tap **Manual setup** for a company email account. After that, follow the on-screen instructions to complete the setup.

To set up another email account, tap → **Settings** → **Add account**.

Sending messages

Tap the email account to use, and then tap at the top of the screen. Enter recipients, subject, and message, and then tap .

Tap to add a recipient from the contacts list.

Tap **+Me** to add yourself as a recipient.

Tap to attach images, videos, contacts, notes, events, and others.

Tap → to insert images, events, contacts, location information, and others into the message.

Sending scheduled messages

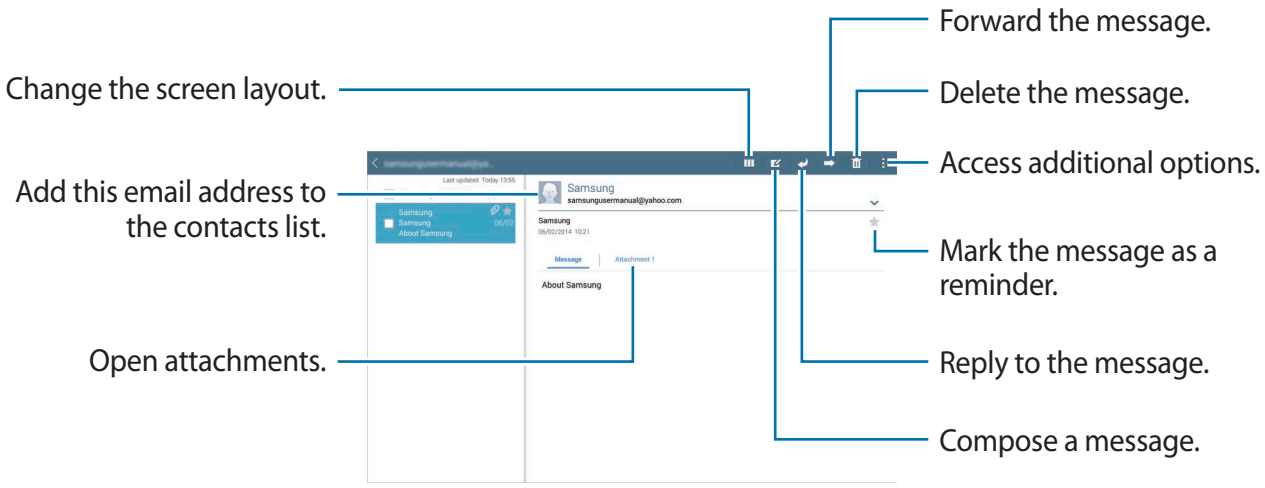
While composing a message, tap → **Schedule sending**. Tick **Schedule sending**, set a time and date, and then tap **Done**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Reading messages

Select an email account to use, and new messages are retrieved. To manually retrieve new messages, tap .

Tap a message to read.



Tap the attachment tab to open attachments, and then tap **Save** to save it.

Google Mail

Use this application to quickly and directly access the Google Mail service.

Tap **Google Mail** on the Applications screen.

- This application may not be available depending on the region or service provider.
- This application may be labelled differently depending on the region or service provider.

Sending messages

In any mailbox, tap , enter recipients, a subject, and a message, and then tap **SEND**.

Tap ⋮ → **Save draft** to save the message for later delivery.

Tap ⋮ → **Attach file** to attach images, videos, music, and others.

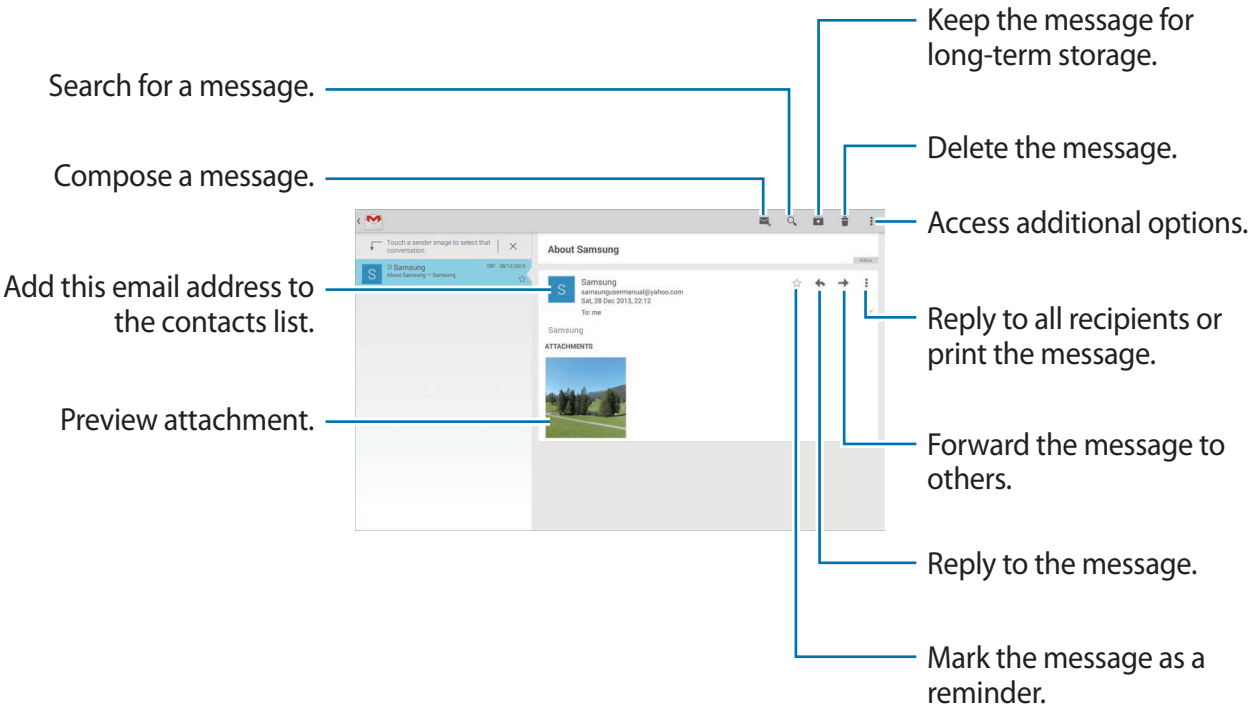
Tap ⋮ → **Discard** to start over.

Tap ⋮ → **Settings** to change the Google Mail settings.

Tap ⋮ → **Send feedback** to report your opinions for application development.

Tap ⋮ → **Help** to access help information for the Google Mail.

Reading messages


Search for a message.
Compose a message.
Add this email address to the contacts list.
Preview attachment.
Keep the message for long-term storage.
Delete the message.
Access additional options.
Reply to all recipients or print the message.
Forward the message to others.
Reply to the message.
Mark the message as a reminder.
About Samsung
Samsung
ATTACHMENTS

Labels

Google Mail does not use actual folders, but uses labels instead. When Google Mail is launched, it displays messages labelled Inbox.

Select a label in **ALL LABELS** to view messages in other labels.

To add a label to a message, select the message, tap ⋮ → **Change labels**, and then select the label to assign.

Hangouts

Use this application to chat with others.

Tap **Hangouts** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a friend from the friends list or enter data to search and select a friend from the results to start chatting.

Google+

Use this application to stay connected with people via Google's social network service.

Tap **Google+** on the Applications screen.

This application may not be available depending on the region or service provider.

Tap **All** to change the category, and then scroll up or down to view posts from your circles.

Tap 8+ to use other social network features.

Photos

Use this application to view and share images or videos via Google's social network services.

Tap **Photos** on the Applications screen.

This application may not be available depending on the region or service provider.

Select one of the following categories:

- **CAMERA**: View all the images or videos that are taken or downloaded to the device.
- **HIGHLIGHTS**: View images or videos grouped by date or album. Tap > to view all of the images or videos in the group.

Then, select an image or video.

While viewing it, use one of the following icons:

- : Modify the image.
- : Share the image or video with others.
- : Delete the image or video.

Twitter

Use this application to stay connected with your social network on Twitter.

Tap **Twitter** on the Applications screen.

This application may not be available depending on the region or service provider.

Web & network

Internet

Use this application to browse the Internet.

Tap **Internet** on the Applications screen.

Viewing webpages

Tap the address field, enter the web address, and then tap **Go**.

Tap ⋮ to share, save, or print the current webpage while viewing a webpage.

To change the search engine, tap the address field, and then tap the search engine icon next to the web address.

Opening a new page

Tap ⋮ → **New tab**.

To go to another webpage, scroll left or right on the title field, and then tap the title to select it.

Searching the web by voice

Tap the address field, tap ✕ → 🎤, speak a keyword, and then select one of the suggested keywords that appear.

This feature may not be available depending on the region or service provider.

Bookmarks

To bookmark the current webpage, tap ★ → ➕.

To open a bookmarked webpage, tap ★, and then select one.

History

Tap → **History** to open a webpage from the list of recently-visited webpages. To clear the history, tap .

Saved pages

To view saved webpages, tap → **Saved pages**.

Links

Tap and hold a link on the webpage to open it in a new page, save, or copy.

To view saved links, use **Downloads**. (p. 139)

Sharing webpages

To share a webpage address with others, tap → **Share via**.

To share a part of a webpage, tap and hold the desired text, and then tap **Share via**.

Chrome

Use this application to search for information and browse webpages.

Tap **Chrome** on the Applications screen.

This application may not be available depending on the region or service provider.

Viewing webpages

Tap the address field, and then enter a web address or search criteria.

Opening a new page

Tap → **New tab**.

To go to another webpage, scroll left or right on the title field, and tap the title to select it.

Bookmarks

To bookmark the current webpage, tap ☆ → **Save**.

To open a bookmarked webpage, tap ⋮ → **Bookmarks**, and then select one.

Searching the web by voice

Tap 🎤, speak a keyword, and then select one of the suggested keywords that appear.

Syncing with other devices

Sync open tabs and bookmarks to use with Chrome on another device, when you are logged in with the same Google account.

To view open tabs on other devices, tap ⋮ → **Other devices**. Select a webpage to open.

To view bookmarks, tap **BOOKMARKS**.

Bluetooth

Bluetooth creates a direct wireless connection between two devices over short distances. Use Bluetooth to exchange data or media files with other devices.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with your device.
- Do not use the Bluetooth feature for illegal purposes (for example, pirating copies of files or illegally tapping communications for commercial purposes).

  Samsung is not responsible for the repercussion of illegal use of the Bluetooth feature.

To activate Bluetooth, on the Applications screen, tap **Settings** → **Connections** → **Bluetooth**, and then drag the **Bluetooth** switch to the right.

Pairing with other Bluetooth devices

On the Applications screen, tap **Settings** → **Connections** → **Bluetooth** → **Scan**, and detected devices are listed. Select the device you want to pair with, and then accept the auto-generated passkey on both devices to confirm.

Sending and receiving data

Many applications support data transfer via Bluetooth. An example is **Gallery**. Open **Gallery**, select an image, tap → **Bluetooth**, and then select one of the Bluetooth devices. After that, accept the Bluetooth authorisation request on the other device to receive the image.

When another device sends you data, accept the Bluetooth authorisation request made by another device. Received files are saved in the **Bluetooth** folder. If a contact is received, it is added to the contacts list automatically.

Screen Mirroring

Use this feature to connect your device to a large screen with an AllShare Cast dongle or HomeSync and then share your contents. You can also use this feature with other devices that support the Wi-Fi Miracast feature.

- This feature may not be available depending on the region or service provider.
- Miracast-enabled devices that do not support High-bandwidth Digital Content Protection (HDCP 2.X) may not be compatible with this feature.
- Some files may be buffered during playback, depending on the network connection.
- To save energy, deactivate this feature when not in use.
- If you specify a Wi-Fi frequency, AllShare Cast dongles or HomeSync may not be discovered or connected.
- If you play videos or games on a TV, select an appropriate TV mode to get the best experience.

On the Applications screen, tap **Settings** → **Connections** → **Screen Mirroring**, and then drag the **Screen Mirroring** switch to the right. Select a device, open or play a file, and then control the display with the keys on your device. To connect to a device using a PIN, tap and hold the device name to enter the PIN.

e-Meeting

Use this application to host or attend an e-meeting. You can share files with attendees during a meeting.

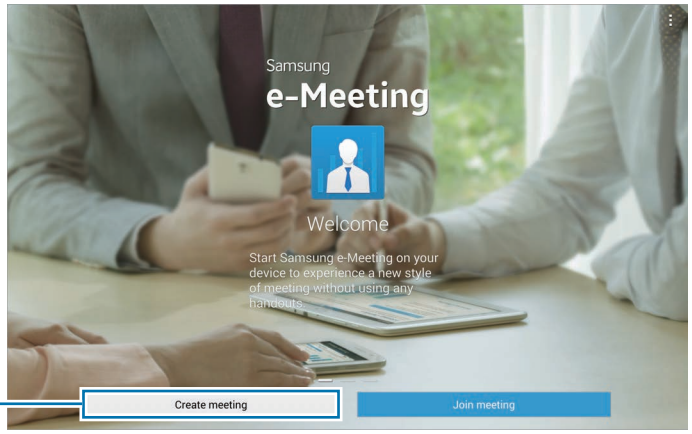
To use this application, all devices to be used in the meeting must be connected to the same access point.

Creating a meeting session

Create a meeting to host the meeting.

1 Tap **e-Meeting** on the Applications screen.

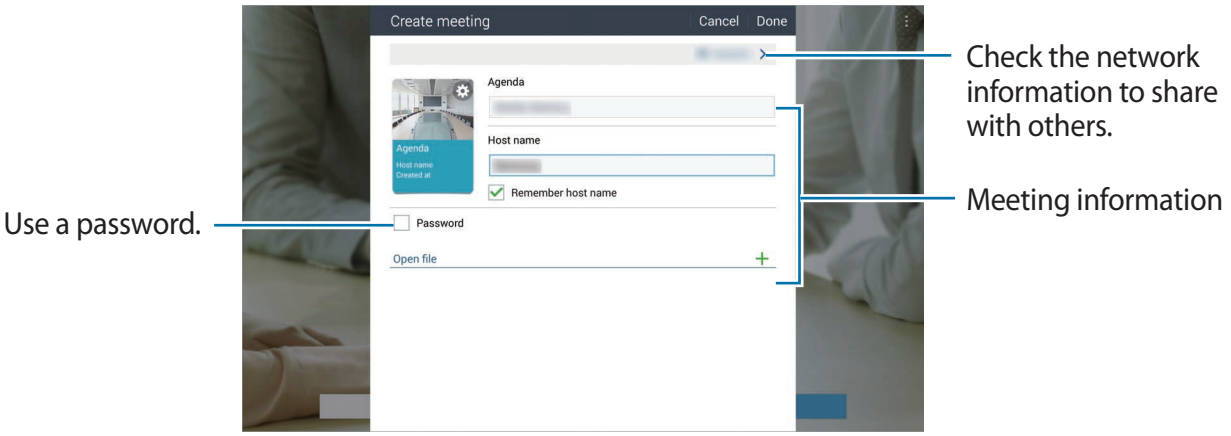
2 Tap **Create meeting**.


Samsung
e-Meeting
Welcome
Start Samsung e-Meeting on your device to experience a new style of meeting without using any handouts.
Create meeting
Join meeting

Create a meeting session.

3 Check the network information to share with others, set details for the meeting, and then tap **Done**.

To add files to the meeting, tap +.

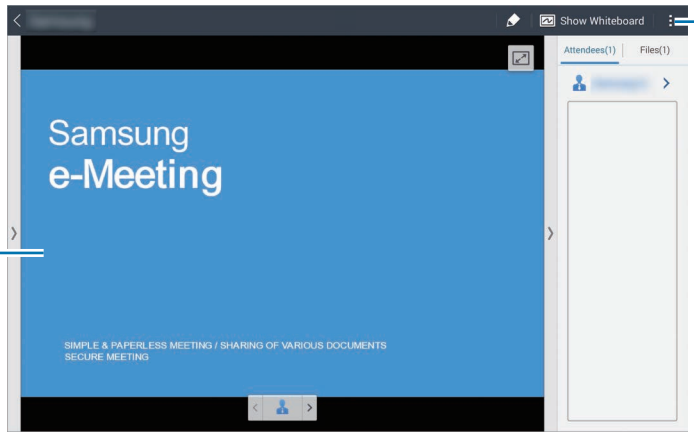


Set a password and the security level for the meeting.

- **Show password**: Provide the password to the attendees that should be entered to join the meeting.
- **Allow auto joining**: Allow attendees to join the meeting when they enter the password without the host's approval.
- **Allow file saving**: Allow attendees to capture screenshots and save the meeting files during the meeting.

4 A meeting session is created.

The file added when the meeting session is created appears on the screen, or if no file is added, the whiteboard appears on the screen.



<Meeting session with a file>

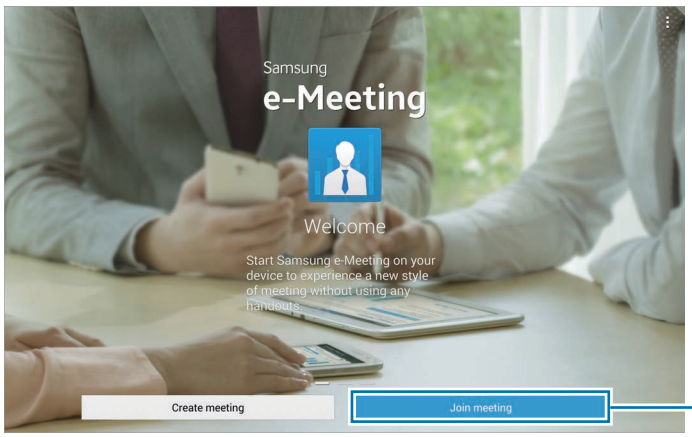
5 Share the network information and password for the created meeting with the attendees to let them join the meeting.

Joining a meeting

If you are provided with the network information for a meeting, you can join the meeting.

1 Tap **e-Meeting** on the Applications screen.

2 Tap **Join meeting**.



3 Select a network that the meeting is connected to, enter a password if necessary, and then tap **Done**.

4 Select the meeting to join.

5 Enter your name and tap **Done**. Then, you can enter the meeting session.

You can view files or content that the host shares.

Using the Meeting session screen

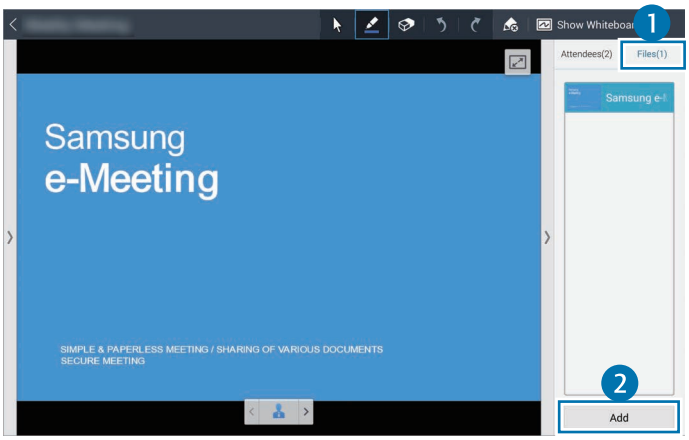
Host screen

When you are the host, you can open a file and move to the next pages in the file, or display the whiteboard and write on it.

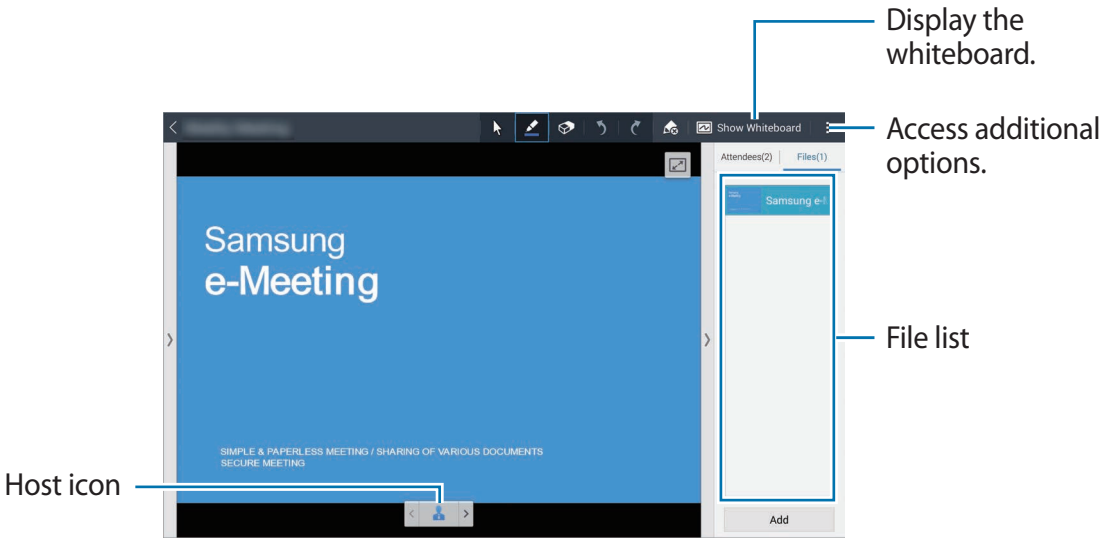
The host screen is displayed on the attendees' screens.

Opening files

1 Tap **Files** (1) → **Add** (2), and then select a file.



2 The selected file is added to the file list. Tap a file to open it.



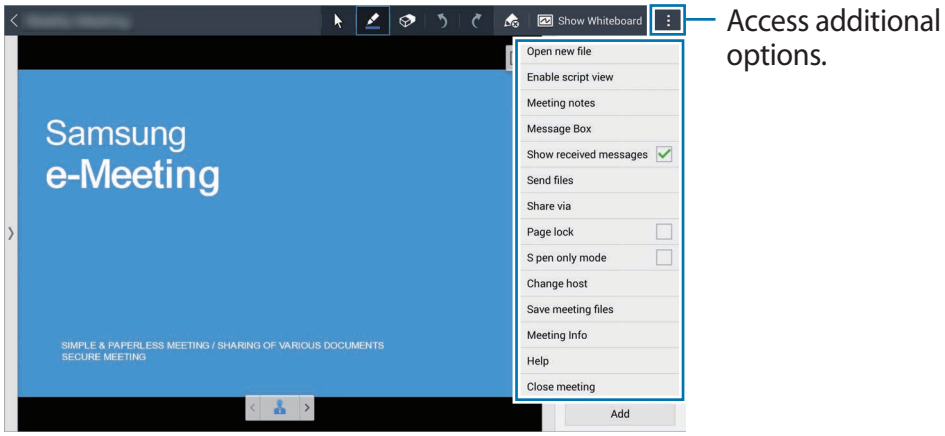
Displaying the whiteboard

Tap **Show Whiteboard** at the top right of the screen.

The whiteboard appears on the screen.

Using additional options

Tap ⋮ to use one of the following:



- **Open new file**: Open new files.
- **Enable script view**: Display the notes pane under the presentation.

- **Meeting notes**: Create meeting minutes using S Note.
- **Message Box**: Send messages to attendees.
- **Show received messages**: Set the device to display the text of a new message from attendees.
- **Send files**: Send files to attendees.
- **Share via**: Share files with attendees.
- **Page lock**: Lock the page so that the attendees can view only the page the host is presenting.
- **S pen only mode**: Set the screen to recognise only the S Pen.
- **Change host**: Change the host.
- **Save meeting files**: Save the meeting files and all written works.
- **Meeting Info**: View meeting information.
- **Help**: Access help information about e-Meeting.
- **Close meeting**: Close the current meeting session.

Attendee's screen

View the screen the host shares and write on the screen.

While scrolling through the document, tap to move to the page the presenter is viewing.

To be the presenter, tap . The screen changes to the presenter mode. Tap to return to the attendee mode.

Closing or exiting the meeting

Tap or → **Close meeting** or **Exit meeting**.

When the network connection fails during a meeting

When the host is disconnected

End the meeting or connect to the same network again to continue the meeting.

Attendees can save the files and exit the meeting, or wait till the meeting resumes.

When the attendees are disconnected

Launch **e-Meeting** and join the meeting again.

WebEx

Use this application to host and attend teleconferences. You can use various features, such as content sharing and HD video meeting.

Before using this application

- Ensure that the device is connected to a Wi-Fi or mobile network. You may incur additional charges for using this application via the network.
- Ensure that you have a WebEx account.

- This application may not be available depending on the region or service provider.
- This application may not work properly depending on firewall and network status.

Signing up for an account

1 Tap **WebEx** on the Applications screen.

2 Tap **Get an account** on the sign in screen.

3 The webpage for joining WebEx will appear on the screen.

You cannot use this application if a pop-up window appears on the screen informing that WebEx is not available in the region.

4 Follow the on-screen instructions to setup the account.

Some features are not available when the trial period expires. Switch to a paid account to use all WebEx features. For details, refer to the WebEx website.

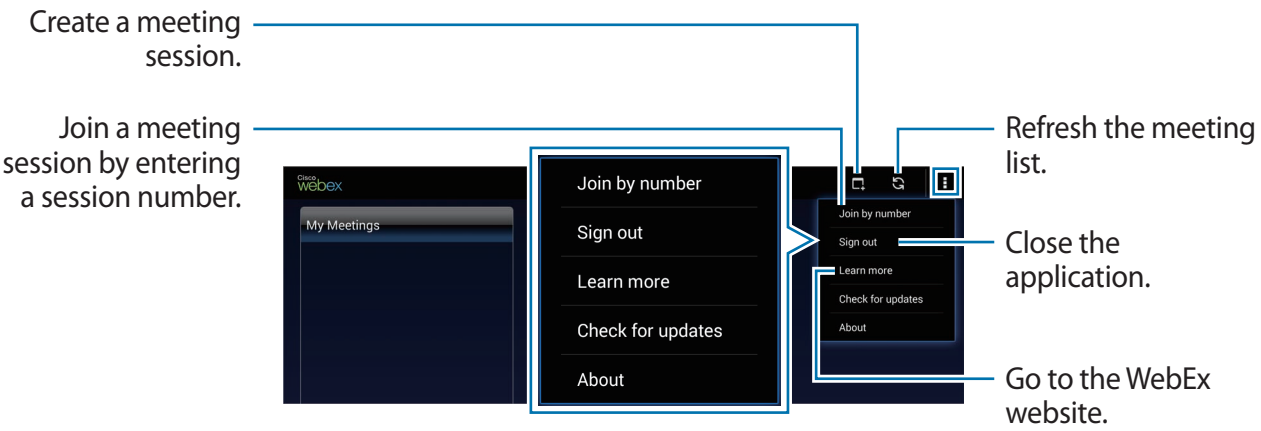
Creating a meeting session

1 Tap **WebEx** on the Applications screen and tap **Sign in**.

2 Enter the registered email address and tap **Next**.

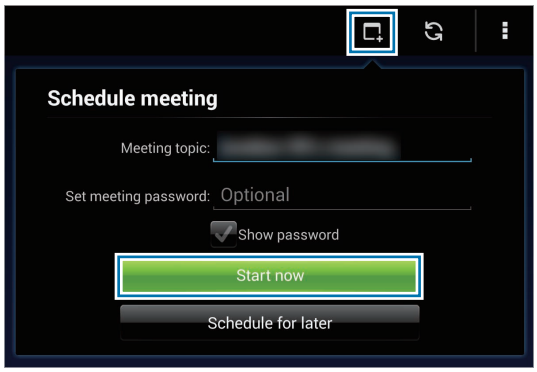
3 Enter the password and tap **Sign in**.

4 The WebEx screen appears on the device.



5 Tap to create a meeting session.

6 Enter a topic for the meeting, set a password, and then tap **Start now**.



7 Tap → **Connect using Internet**.

8 The microphone will be turned on and appears at the top right of the screen. You can have an audio meeting with others.

Turn the microphone on or off.
Share the screen.
Check the meeting information.
View the session number.
Start or end a video meeting.
Start or end an audio meeting.
End the meeting session.
Invite people or remind invitees about the meeting.
View the participants and chat with them.
Share screen

Inviting people to a meeting

Invite others to a meeting by sending an invitation email. You can also share a session number or the session's phone number with others to invite them to a meeting.

Inviting people by email

1 Tap → **Invite by email**.

2 Enter an email address and tap **Send invitation**.

Inviting people by sending a session phone number

You can invite others to a meeting by sharing the session phone number. A session phone number is created when you create a meeting session. It is provided in the invitation email along with other meeting information.

This feature may not be available depending on the region or service provider.

Joining a meeting session

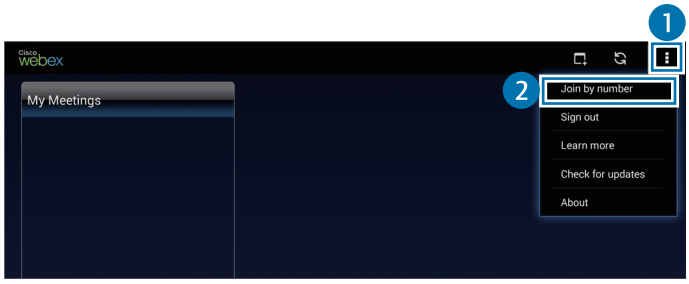
To join a meeting, use one of the following methods.

Joining a meeting by session number

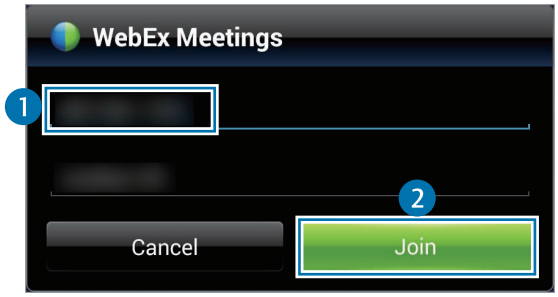
1 Tap **WebEx** on the Applications screen.

2 Sign in to your WebEx account.

3 Tap → **Join by number**.



4 Enter a session number to join and tap **Join**.



A session number is created when a host creates a meeting session. If you do not know the number, contact the host.

5 Tap → **Connect using Internet**.

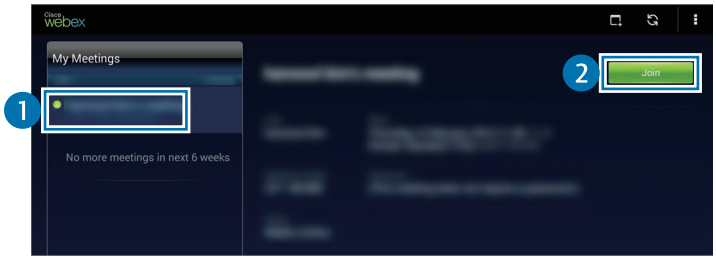
6 The microphone will be turned on and appears at the top right of the screen. You can have an audio meeting with others.

Joining a meeting by selecting one in My Meetings

1 Tap **WebEx** on the Applications screen.

2 Sign in to your WebEx account.

3 Select a meeting in **My Meetings** and tap **Join**.



4 Tap → **Connect using Internet**.

5 The microphone will be turned on and appears at the top right of the screen. You can join the audio meeting.

Joining a meeting from an invitation email

When someone invites you to a meeting, you will receive an invitation email.

1 Open the invitation email and tap the link in the email.

2 WebEx launches and the sign in screen appears.

3 Sign in to your WebEx account.

If you are already signed in to your account, a meeting screen will appear on the screen.

4 Tap → **Connect using Internet**.

5 The microphone will be turned on and appears at the top right of the screen. You can have an audio meeting with others.

Joining a meeting by calling a session phone number

You can join a meeting by calling the session's phone number on a smartphone. Call the session phone number provided in the invitation email.

This feature may not be available depending on the region or service provider.

Running a meeting

Running a video meeting

1 Tap → **Start my video**.

2 Your image is displayed at the bottom left of the screen.

To stop the video meeting, tap → **Stop my video**.

Running an audio meeting

1 Tap → **Connect using Internet**.

2 The microphone will be turned on and appears at the top right of the screen.

To mute your sound, tap . The icon changes to .

To stop the audio meeting, tap → **Disconnect audio**.

Chatting with participants

1 Tap to view the participants list.

2 Select an account name and tap **Chat**.

3 Chatting window appears on the screen.

To chat with all participants, tap **Chat with everyone**.

Sharing the screen

Share the current screen on your device with participants. Only the person designated as the presenter can share one's screen. The person who creates a meeting is designated as the presenter at the beginning of a meeting.

1 Tap **Share screen** at the top of the screen if you are the presenter.

2 If you are using this feature for the first time, follow the on-screen instructions.

3 Tap **Share screen** in the pop-up window.

4 When the screen sharing feature is activated, will appear at the top right of the screen.

The content on the screen of the presenter's device will be displayed on the screens of the participants' devices.

Stopping the screen sharing feature

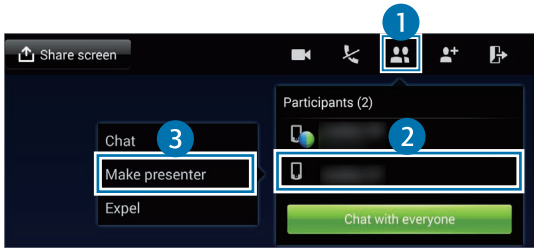
Tap → **Stop sharing**. The device stops sharing the screen and displays the meeting screen.

Changing the presenter

The meeting host and the current presenter can change the presenter.

1 Tap and select a participant to designate as the presenter.

2 Tap **Make presenter**.



3 will appear next to the presenter's account name.

Closing or exiting the meeting

Tap → **End meeting** or **Leave meeting**.

When the network connection fails during a meeting

If the meeting is still running, reconnect to the meeting.

If the meeting has ended, restart the meeting.

Remote PC

Use this application to view and control your computer's screen on your device by connecting your device and computer via a Wi-Fi or local area network. You can also easily view and transfer files between your device and computer.

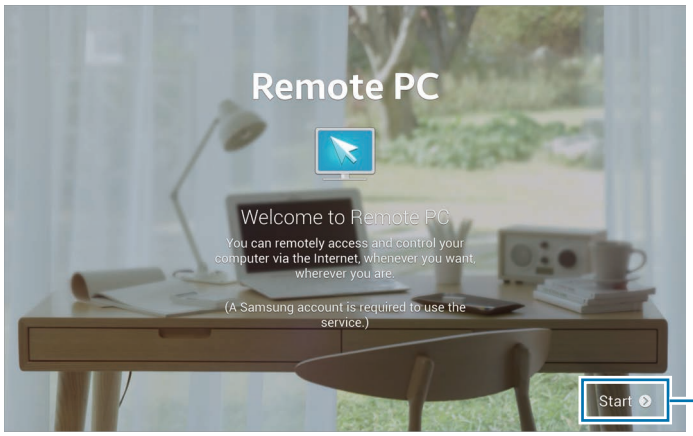
Before using this application

- Ensure that you have a registered Samsung account.
- Ensure that the computer is turned on.
- Ensure that the Agent is installed on your computer.
- To use this feature, perform the following in numerical order:
  1. Register the device with your Samsung account.
  2. Register the computer with your Samsung account.
  3. Remotely connect the device and the computer.

Registering the device

1 Tap **Remote PC** on the Applications screen.

2 Tap **Start** on the greeting page.


Remote PC
Welcome to Remote PC
You can remotely access and control your computer via the Internet, whenever you want, wherever you are.
(A Samsung account is required to use the service.)
Start
Start the application.

3 Tap **Sign in**, enter your Samsung account and password, and then tap **Sign in** again.

If a Samsung account is not registered, follow the on-screen instructions to create a Samsung account.

4 View the tutorial and tap **Next**.

5 The registration process is completed and the Remote PC screen appears on the screen.

Registering a computer

1 On your computer, launch the web browser and visit *remotepc.rview.com*.

2 Sign in to your Samsung account.

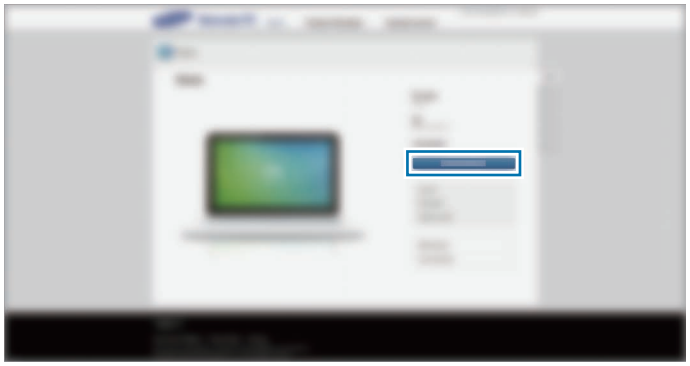
You must sign in to the same Samsung account that you use on your device.

3 Install the Agent if it is not installed on your computer.

Follow the on-screen instructions to enter a display name for the computer, proxy settings, and password. For details on proxy server settings, contact your network administrator.

will appear on the task bar when the installation is completed.

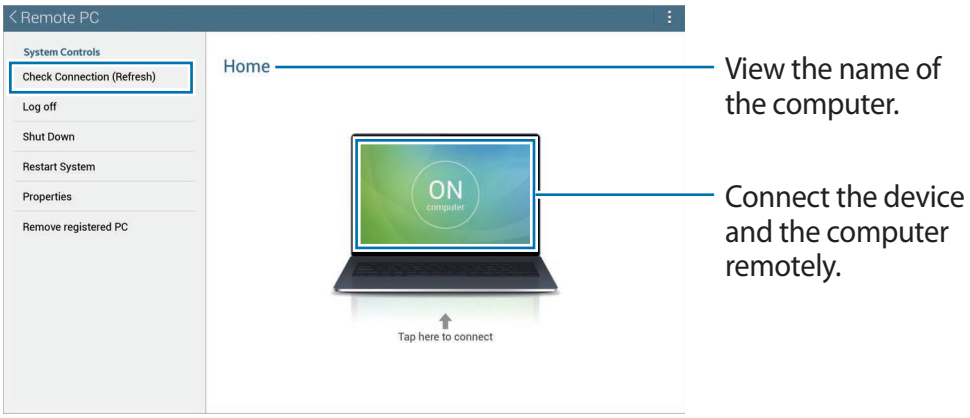
4 Tap **Check connection**.



Connecting the device and a computer remotely

1 Tap **Remote PC** on the Applications screen.

2 Tap **Check Connection (Refresh)**.



3 Tap **ON computer**.

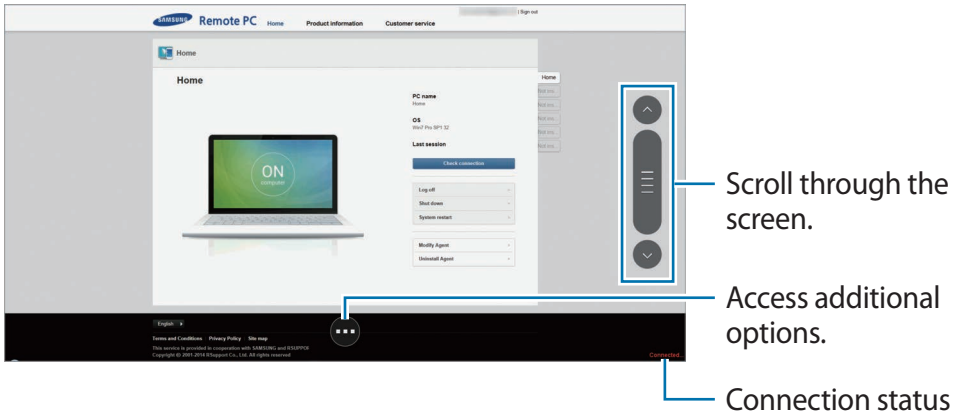
4 Enter the password for the connection and tap **OK**.

Tap **Forgotten your password?** if you do not remember the password.

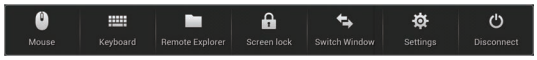
5 The connection is made and you can control the computer remotely on the device.

Controlling the computer on the device

After connecting the devices, you can view and control your computer's screen on the device. You can also open or edit files in the computer and transfer them to the device.



Tap the screen and tap ··· at the bottom of the screen to use one of the following:

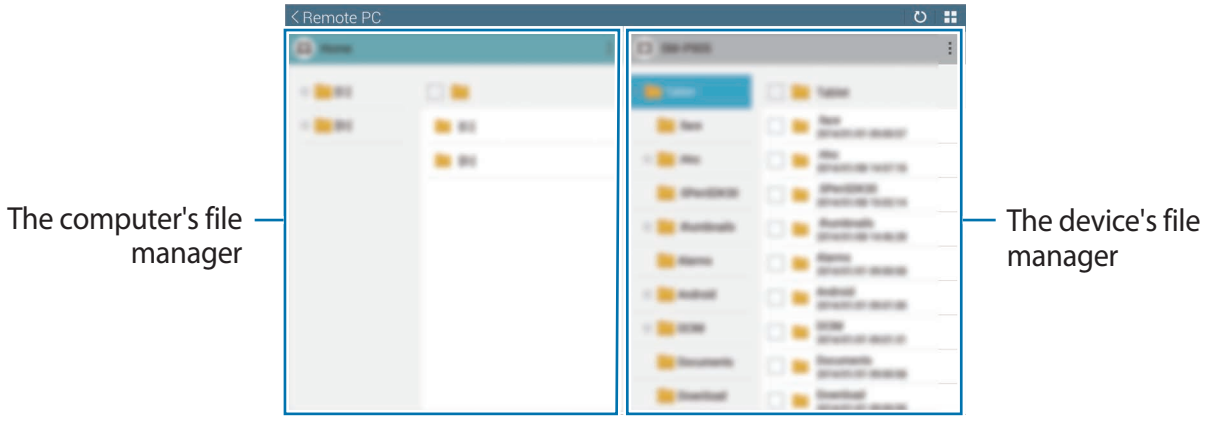


- **Mouse**: Display the mouse pointer on the device's screen.
- **Keyboard**: Open the keyboard to enter text in the selected text field.
- **Remote Explorer**: Open the file manager to search for files and transfer files between the connected devices.
- **Screen lock**: Lock the device's screen to disable the zoom and scroll functions.
- **Switch Window**: Switch between two monitors when the computer is connected to dual monitors.
- **Settings**: Change the connection settings.
- **Disconnect**: Close the connection between the device and the computer.

Transferring files between your device and the computer

1 Tap ⋯ → **Remote Explorer**.

2 Tap and hold a file on the computer's file manager panel. Then, drag it to the device's file manager panel. You can also move a file vice versa.



SideSync 3.0

Use this application to control a smartphone's screen with a virtual smartphone screen on your tablet.

- On your tablet, view messages or use the smartphone's chat room.
- On your tablet, watch a video playing on the smartphone on a larger display.
- Transfer files easily between your tablet and the smartphone.

Before using this application

- Your tablet and smartphone must support Wi-Fi Direct. Otherwise, both devices must be connected to the same access point.
- SideSync 3.0 must be installed on both your tablet and smartphone.

  If it is not installed on any device, download and install it from **Samsung Apps** or **Play Store**.
- SideSync 3.0 operates only on devices with Android version 4.4 or higher.

Connecting your tablet and a smartphone

1 Tap **SideSync 3.0** on the Applications screen of your tablet.

  To start **SideSync 3.0**, you need to download and install the application. Tap **Install** and follow the on-screen instructions.

2 Launch **SideSync 3.0** on a smartphone.

3 The tablet searches for available smartphones automatically.

Select one of the detected smartphones.

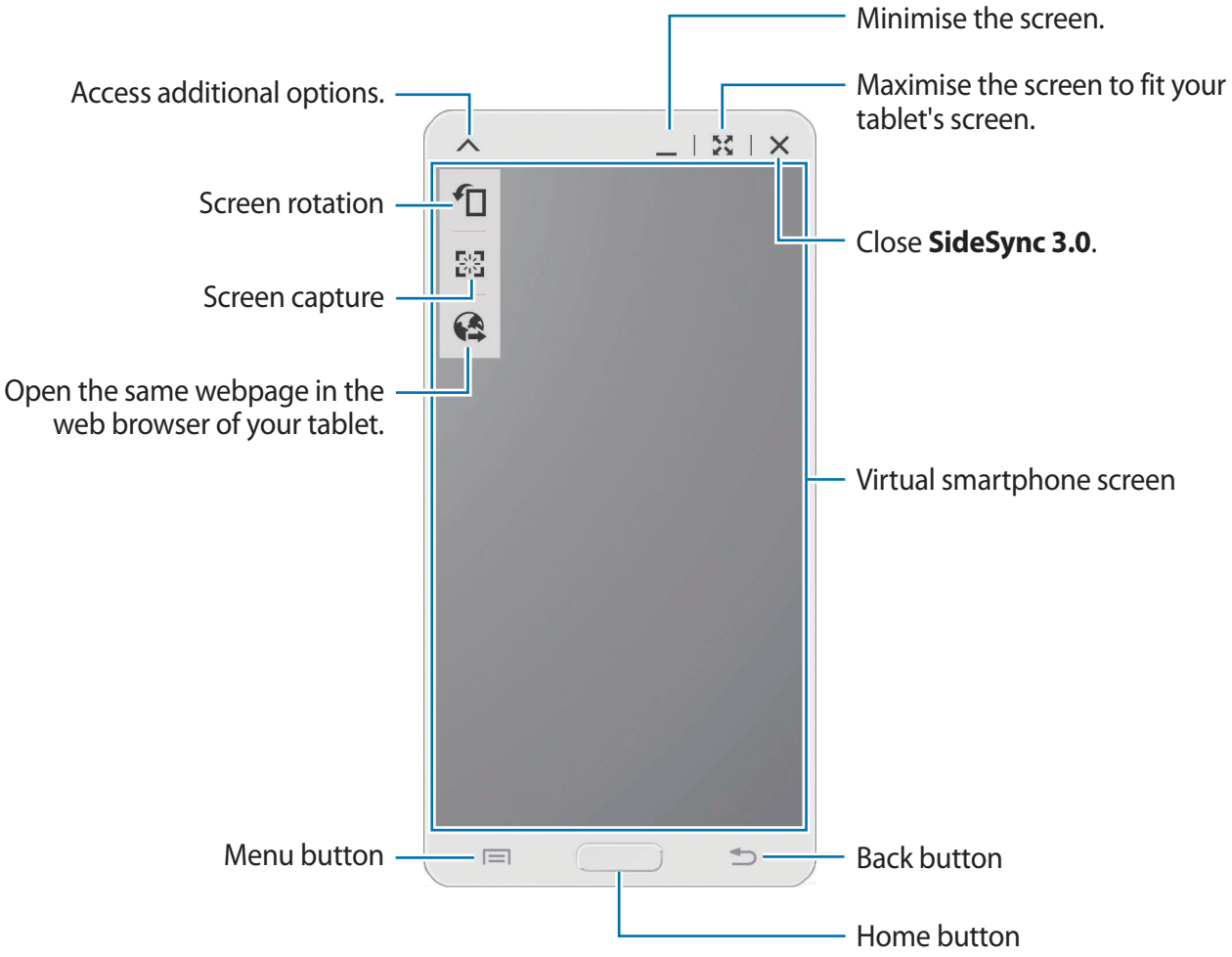
4 Tap **OK** on the smartphone screen.

5 The smartphone's virtual screen is displayed on your tablet and the smartphone's screen is turned off.

Using the virtual smartphone screen

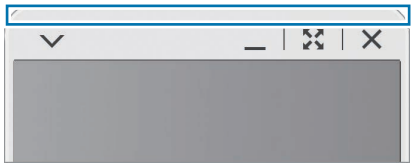
Browse the screen and use applications in the virtual smartphone screen. You can send or receive messages, or chat with others.

Some features, such as **Camera** and **Screen Mirroring**, may not work in the virtual smartphone screen.



Moving the virtual smartphone screen

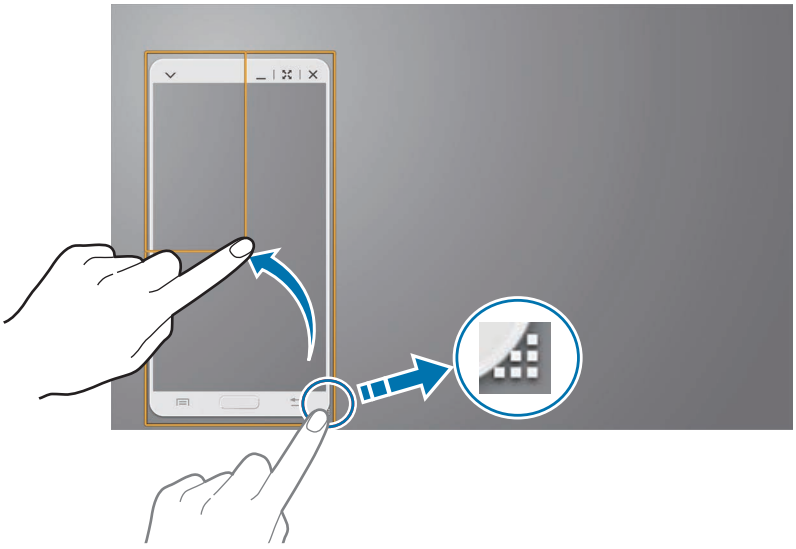
Tap and drag the top edge of the virtual smartphone screen to move it to another location.



Adjusting the size of the virtual smartphone screen

1 Tap and hold at the bottom right of the virtual smartphone screen.

2 When the frame appears, drag the frame to adjust the size.



Entering text

When you enter text in the virtual smartphone screen, the tablet's keyboard appears. Enter text using the keyboard.

Switching between the smartphone screen and the virtual smartphone screen

It is not possible to use the smartphone screen and the virtual smartphone screen at the same time. When you are using the virtual smartphone screen on the tablet, the smartphone screen turns off.

Using the smartphone screen

Press the Home button on the smartphone to turn on the smartphone screen and turn off the virtual smartphone screen on the tablet.

Using the virtual smartphone screen

Tap **Switch to tablet** on the tablet's screen to turn on the virtual smartphone screen and turn off the smartphone screen.

Playing music or videos on the tablet

Play music or videos stored in the smartphone via the screen and speaker of the tablet.

1 Open a music or video file in the virtual smartphone screen on the tablet.

2 The selected file is played using the tablet's screen and speaker.

Adjust the volume on the virtual smartphone screen or the tablet during playback.

Copying files between devices

Copying files from the smartphone to the tablet

1 Tap and hold a file on the virtual smartphone screen.

2 Select the files to copy, tap and hold any selected file, and then drag it to the tablet's screen.

3 **My Files** is launched on the tablet's screen. Select a folder to save the file in and tap **Done**.

Copying files from the tablet to the smartphone

1 Tap and hold a file on the tablet's screen.

2 Select the files to copy, tap and hold any selected file, and then drag it to the virtual smartphone screen.

3 **My Files** is launched on the virtual smartphone screen. Select a folder to save the file in and tap **Done**.

WatchON

Use this application to connect to a TV to watch your favourite shows and movies.

Tap **WatchON** on the Applications screen.

This application may not be available depending on the region or service provider.

You must first connect the device to a network and ensure that the device's infrared port is facing the TV.

Connecting to a TV

Connect to a TV to display the device's screen onto a large surface and control the TV remotely with the device.

Tap **Set up WatchON**, select a region and broadcast service, and then tap **Next**. Tap → **Setup**, and then follow the on-screen instructions to register the TV to the device. The steps vary depending on the options you choose.

To connect to other devices, tap → **Settings** → **Room settings** → **Room 1** → **Add device**.

Watching TV

Select from the TV programme suggestions or select a category at the bottom of the screen. Select a TV programme and then tap **Watch on TV**. The selected programme will show up on the connected TV.

Tap and open the control panel to control the TV.

Setting programme reminders

Tap **Timeline** at the bottom of the screen and select a time for a TV programme you want to watch. Select a programme, and then tap .

Media

Music

Use this application to listen to music.

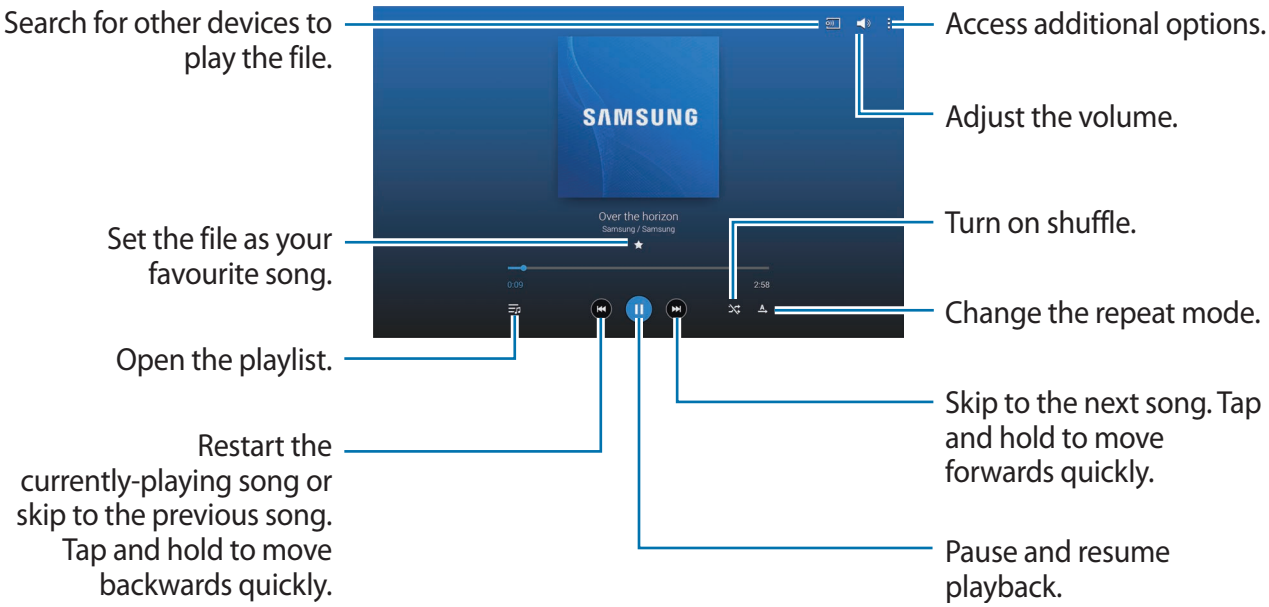
Tap **Music** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Playing music

Select a music category, and then select a song to play.

Tap the album image at the bottom of the screen to open the music player screen.


Search for other devices to play the file.
Access additional options.
Adjust the volume.
Turn on shuffle.
Set the file as your favourite song.
Change the repeat mode.
Open the playlist.
Skip to the next song. Tap and hold to move forwards quickly.
Restart the currently-playing song or skip to the previous song. Tap and hold to move backwards quickly.
Pause and resume playback.
SAMSUNG
Over the horizon
Samsung / Samsung
0:09
2:58

To listen to songs at equal volume levels, tap ⋮ → **Settings** → **Player** → **Smart Volume**.

When **Smart Volume** is activated, the volume may end up louder than the device volume level. Use caution to avoid long-term exposure to loud sounds to prevent damage to your hearing.

Smart Volume may not be activated for some files.

To set a personalised sound while listening to songs with a headset, tap ⋮ → **Settings** → **Player** → **Adapt Sound** → **On**. When you turn the volume up to level 14 or higher, the adapt sound option is not applied to music playback. If you turn the volume down to level 13 or lower, the option is reapplied.

Setting a song as alarm ringtone

To use the currently-playing song as alarm ringtone, tap ⋮ → **Set as** → **From the beginning** or **Auto recommendation** → **Done**.

Creating playlists

Make an own selection of songs.

Tap **Playlists**, and then tap ⋮ → **Create playlist**. Enter a title and tap **OK**. Tap **Add tracks**, select songs to include, and then tap **Done**.

To add the currently-playing song to a playlist, tap ⋮ → **Add to playlist**.

Playing music by mood

Play music grouped by mood. The playlist is automatically created by the device.

Tap ⋮ → **Music square**, and select a cell of mood. Or select multiple cells by dragging your finger.

Camera

Use this application to take photos or videos.

Use **Gallery** to view photos and videos taken with the device's camera. (p. 107)

Tap **Camera** on the Applications screen.

- The camera automatically shuts off when unused.
- Make sure that the lens is clean. Otherwise, the device may not work properly in some modes that require high resolutions.

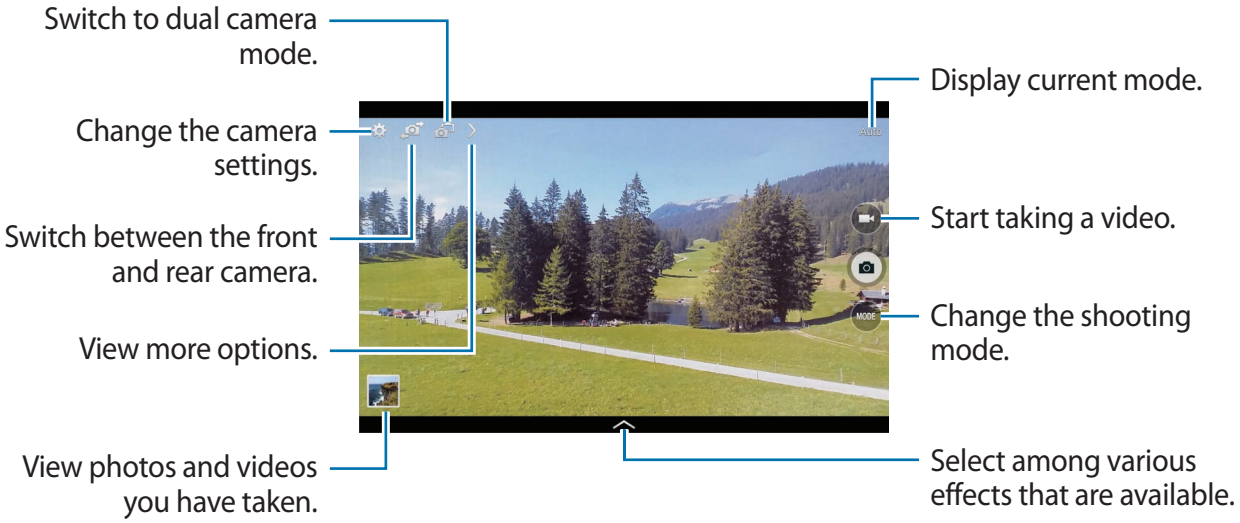
Camera etiquette

- Do not take photos or videos of other people without their permission.
- Do not take photos or videos where legally prohibited.
- Do not take photos or videos in places where you may violate other people's privacy.

Taking photos

Taking a photo

Tap the image on the preview screen where the camera should focus. When the subject is in focus, the focus frame turns green. Tap to take the photo.


Switch to dual camera mode.
Change the camera settings.
Switch between the front and rear camera.
View more options.
View photos and videos you have taken.
Display current mode.
Start taking a video.
Change the shooting mode.
Select among various effects that are available.

Shooting mode

Several photo effects are available.

Tap **MODE**, and then scroll up or down the screen at the right side of the screen.

- **Auto**: Use this to allow the camera to evaluate the surroundings and determine the ideal mode for the photo.
- **Beauty face**: Take a photo with lightened faces for gentler images.
- **Best photo**: Take a series of photos, and then save the best one.
- **Best face**: Use this to take multiple group shots at the same time and combine them to create the best possible image.

  Tap to take multiple photos. To get the best shot, hold the camera steady and remain still while taking photos. When **Gallery** opens, tap the yellow frame on each face, and choose the best individual pose for the subject. After choosing a pose for each individual, tap **Save** to merge the images into a single photo, and save it.
- **Sound & shot**: Use this to take a photo with sound.

  Tap to take a photo. The device records a few seconds of audio after taking a photo.

While taking photos in this mode, sound is recorded by the internal microphone.

- **Drama**: Use this to take a series of photos and combine them to create an image that shows trails of the movement.

  To get the best shot, follow these tips. The device may not take photos properly in other shooting conditions.

  - Hold the camera steady and remain still while taking photos.
  - Take photos of a subject that is moving in one direction.
  - Take photos with backgrounds that are free of moving objects.
  - Avoid taking photos of a subject and background with similar colours.
  - Avoid taking photos of a subject that is too close or too far away to fit within the viewfinder or that is too long such as a bus or a train.
- **Rich tone (HDR)**: Use this to take a photo with an improved contrast ratio.

- **Eraser**: Use this to erase the movements of moving subjects in the background.

  Tap to take a series of photos. The device erases traces of movement from a moving subject. To restore the original photo, tap , and then tap the highlighted area.

  To get the best shot, follow these tips.

  - Hold the camera steady and remain still while taking photos.
  - When taking photos of an object and background with similar colours, the camera may not recognise all of the movement.
  - When taking photos of a subject that is moving very little or moving a great deal, the camera may not recognise all of the movements.
  - If there are multiple subjects moving in the background, the camera may not recognise all of the movement.
- **Panorama**: Take a photo composed of many photos strung together.

  To get the best shot, follow these tips.

  - Move the camera slowly in one direction.
  - Keep the camera's viewfinder within the guide frame.
  - Avoid taking photos of a subject in front of unrecognisable backgrounds, such as empty skies or plain walls.
- **Sports**: Use this setting for fast-moving subjects.

Panoramic photos

A panoramic photo is a wide landscape image consisting of multiple shots.

Tap **MODE** → **Panorama**.

Tap and move the camera in one direction. When two panorama guide frames are aligned, the camera automatically takes another shot in a panoramic sequence. To stop shooting, tap .

If the viewfinder is out of the direction, the device stops shooting.

Applying filter effects

Use the filter effects to take unique photos or videos.

Tap and select a filter effect. The available options vary by mode.

Taking videos

Taking a video

Tap to take a video. To pause recording, tap . To stop recording, tap .

While recording, use the following actions:

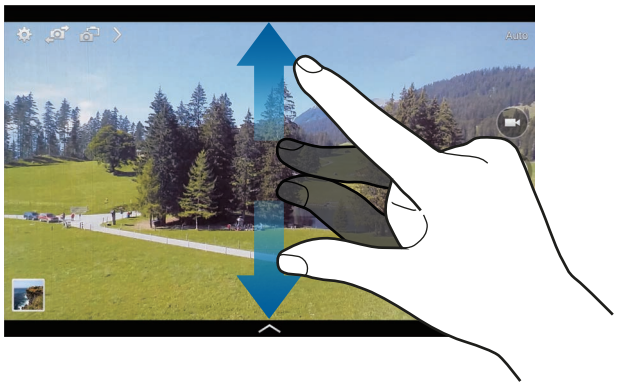
- To change the focus, tap where you want to focus. To focus on the centre of the screen, tap .
- To capture an image from the video while recording, tap .

Recording mode

Tap → to change the recording mode.

- **Normal**: Use this mode for normal quality.
- **Limit for MMS**: Use this mode to lower the recording quality for sending via messages.
- **Fast motion**: Use this mode to take a video of a moving subject. The device will play the video in fast motion.

Zooming in and out



Use one of the following methods:

- Use the Volume button to zoom in or out.
- Spread two fingers apart on the screen to zoom in, and pinch to zoom out.

The zoom in/out effect is available when using the zoom feature while shooting video.

Dual Camera mode

When you take a landscape photo with the rear camera, the photo or video captured by the front camera appears in an inset window, or vice versa. Use this feature to take a beautiful landscape photo and a self-portrait simultaneously.

Tap to switch to dual camera mode. Tap to take a photo or tap to take a video.

- You can record videos in dual camera mode for up to 5 minutes in Full HD and up to 10 minutes in HD.
- While taking videos in this mode, sound is recorded by the internal microphone.

Share shot

Tap → , and then select one of the following:

- **Share shot**: Send a photo directly to another device via Wi-Fi Direct.
- **Buddy photo share**: Set the device to recognise a person's face that you have tagged in a photo and send it to that person.
- **Remote viewfinder**: Set a device to control the camera remotely.

Controlling the camera remotely

Set a device as a viewfinder to control the camera remotely.

Tap → → **Remote viewfinder**, and then connect the device and the camera using Wi-Fi Direct. Tap to take a photo remotely using the device as a viewfinder.

Configuring settings for Camera

Tap to configure settings for Camera. Not all of the following options are available in both still camera and video camera modes. The available options vary depending on the mode used.

- **Photo size** / **Video size**: Select a resolution. Use higher resolution for higher quality. But it takes up more memory.
- **Burst shot**: Take a series of photos of moving subjects.
- **Tap to take pics**: Tap the image on the preview screen to take photos.
- **Face detection**: Set the device to recognise people's faces and help you take photos of them.
- **Metering modes**: Select a metering method. This determines how light values are calculated. **Centre-weighted** measures background light in the centre of the scene. **Spot** measures the light value at a specific location. **Matrix** averages the entire scene.
- **ISO**: Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **Smart stabilisation**: Set the device to automatically detect darker conditions and adjust the brightness of the photo without the flash.

- **Save as**: Set the device to save both the rich tone photo and original photo, or only the rich tone photo.
- **Video stabilisation**: Activate or deactivate anti-shake. Anti-shake helps focus when the camera is moving.
- **Location tag**: Attach a GPS location tag to the photo.

  - To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
  - Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.

- **Review pics/videos**: Set the device to show photos or videos after taking them.
- **Volume key**: Set the device to use the Volume button to control the shutter or zoom function.
- **Timer**: Use this for delayed-time shots.
- **White balance**: Select an appropriate white balance, so images have a true-to-life colour range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.
- **Exposure value**: Change the exposure value. This determines how much light the camera's sensor receives. For low-light situations, use a higher exposure.
- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.
- **Flash**: Activate or deactivate the flash.
- **Voice control**: Set the camera to take photos with voice commands.
- **Contextual filename**: Set the camera to display contextual tags. Activate this to use Tag Buddy in **Gallery**.
- **Save as flipped**: Invert the image to create a mirror-image of the original scene.
- **Storage**: Select the memory location for storage.
- **Reset**: Reset the camera settings.
- **Help**: Access help information for using the camera.

Shortcuts

Reorganise shortcuts for easy access to the camera's various options.

Tap ❯ and tap and hold a shortcut icon.

Tap and hold an option and drag it to a slot at the top of the screen.

Gallery

Use this application to view images and videos.

Tap **Gallery** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Viewing images

Launching **Gallery** displays available folders. When another application, such as **Email**, saves an image, the **Download** folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates the **Screenshots** folder. Select a folder to open it.

In a folder, images are displayed by creation date. Select an image to view it in full screen.

Scroll left or right to view the next or previous image.

Zooming in and out

Use one of the following methods to zoom in an image:

- Double-tap anywhere to zoom in.
- Spread two fingers apart on any place to zoom in. Pinch to zoom out, or double-tap to return.

Viewing images using the motion feature

Use the motion feature to execute a function with particular motion.

On the Applications screen, tap **Settings** → **Controls** → **Motions**, drag the **Motions** switch to the right, and then turn on the switch for each feature.

To stop using a motion feature, turn off the switch for the feature.

Playing videos

Video files show the icon on the preview. Select a video to watch it and tap .

Trimming segments of a video

Select a video and tap . Move the start bracket to the desired starting point, move the end bracket to the desired ending point, and then save the video.

Editing images

When viewing an image, tap and use the following functions:

- **Favourite**: Add to the favourites list.
- **Slideshow**: Start a slideshow with the images in the current folder.
- **Photo frame**: Use this to add a frame and a note to an image. The edited image is saved in the **Photo frame** folder.
- **Photo note**: Use this to write a note on the back of the image. Tap to edit the note.
- **Copy to clipboard**: Copy to clipboard.
- **Print**: Print the image by connecting the device to a printer. Some printers may not be compatible with the device.
- **Rename**: Rename the file.
- **Buddy photo share**: Send the image to a person whose face is tagged in the image.
- **Rotate left**: Rotate anticlockwise.

- **Rotate right**: Rotate clockwise.
- **Crop**: Resize the blue frame to crop and save the image in it.
- **Set as**: Set the image as wallpaper or a contact image.
- **Details**: View image details.
- **Settings**: Change the Gallery settings.

Modifying images

When viewing an image, tap and use the following functions:

- **Rotate**: Rotate the image.
- **Crop**: Crop the image.
- **Colour**: Adjust the saturation or brightness of the image.
- **Effect**: Apply effects to the image.
- **Sticker**: Attach stickers.
- **Drawing**: Draw on the image.
- **Frame**: Apply frames to the image.

Favourite images

When viewing an image, tap → **Favourite** to add the image to the favourites list.

Making image collages

In a folder, tap → **Select item**, select two to four images, and then tap → **Create collage**. Select a style at the bottom of the screen, and then tap **Save**.

To add images, tap .

To delete images, tap .

To change the split type, tap .

Deleting images

Use one of the following methods:

- In a folder, tap ⋮ → **Select item**, select images, and then tap 🗑.
- When viewing an image, tap 🗑.

Sharing images

Use one of the following methods:

- In a folder, tap ⋮ → **Select item**, select images, and then tap ⤴ to send them to others or share them via social network services.
- When viewing an image, tap ⤴ to send it to others or share it via social network services.

Setting as wallpaper

When viewing an image, tap ⋮ → **Set as** to set the image as wallpaper or to assign it to a contact.

Tagging faces

When viewing an image, tap ⋮ → **Settings** → **Tags**, and then tick **Face tag**. A yellow frame appears around the recognised face. Tap the face, tap **Add name**, and then select or add a contact.

When the face tag appears on an image, tap the face tag and use available options, such as sending messages.

Face recognition may fail depending on the face angle, face size, skin colour, facial expression, light conditions, or accessories the subject is wearing.

Using Tag buddy

Tap ⋮ → **Settings** → **Tags** → **Tag buddy**, and then drag the **Tag buddy** switch to the right to display a contextual tag (weather, location, date, and person's name) when opening an image.

Organising with folders

Create a folder to organise images or videos stored in the device. You can copy or move files from one folder to another.

To create a new folder, tap . Enter a name for the folder, tap **OK**, and then tick images or videos. Tap and hold any selected image or video, drag it to the new folder, and then tap **Done**. Tap **Copy** to copy or **Move** to move.

Video

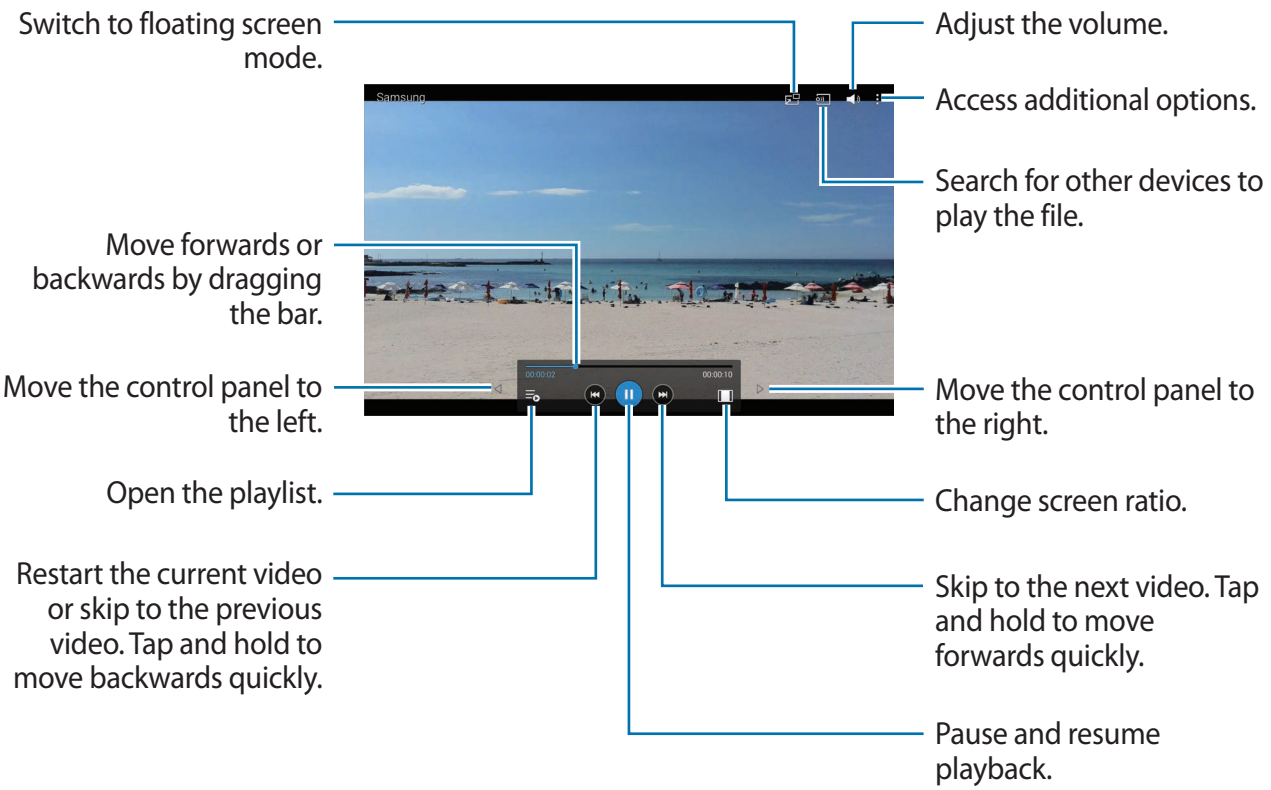
Use this application to play video files.

Tap **Video** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Playing videos

Select a video to play.


Switch to floating screen mode.
Adjust the volume.
Access additional options.
Search for other devices to play the file.
Move forwards or backwards by dragging the bar.
Move the control panel to the left.
Move the control panel to the right.
Open the playlist.
Change screen ratio.
Restart the current video or skip to the previous video. Tap and hold to move backwards quickly.
Skip to the next video. Tap and hold to move forwards quickly.
Pause and resume playback.

Deleting videos

Tap ⋮ → **Delete**, select videos, and then tap **Delete**.

Sharing videos

Tap ⋮ → **Share via**, select videos, tap **Done**, and then select a sharing method.

Using Popup Video player

Use this feature to use other applications without closing the video player. While watching videos, tap to use the pop-up player.

Spread two fingers apart on the screen to enlarge the player or pinch to reduce it. To move the player, drag the player to another location.

YouTube

Use this application to watch videos from the YouTube website.

Tap **YouTube** on the Applications screen.

This application may not be available depending on the region or service provider.

Watching videos

Tap , and then enter a keyword. Select one of the returned search results to watch a video.

Tap the screen, and then tap to display full screen.

Sharing videos

Select the video to view, tap , and then select a sharing method.

Uploading videos

Tap **Uploads** → , select a video, enter information for the video, and then tap **UPLOAD**.

Flipboard

Use this application to access your personalised magazines.

Tap **Flipboard** on the Applications screen.

This application may not be available depending on the region or service provider.

To start your Flipboard, flick left on the greeting page, select news topics, and then tap **Build Your Flipboard**.

Select a cover story or a topic, flick through the Flipboard pages, and then select an article to read.

Businessweek+

Use this application to get the latest news about finance, business, market data, and more.

Tap **Businessweek+** on the Applications screen.

This application may not be available depending on the region or service provider.

NYTimes

Use this application to browse and navigate some articles and more.

Tap **NYTimes** on the Applications screen.

This application may not be available depending on the region or service provider.

To search for articles, tap , and then enter a keyword in the search field.

SketchBook for Galaxy

Use this application to create a quick concept or sketch out your idea for a project.

Tap **SketchBook for Galaxy** on the Applications screen.

To start **SketchBook for Galaxy**, you need to download and install the application. Tap **Install** and follow the on-screen instructions.

- This application may not be available depending on the region or service provider.
- You may incur additional charges when downloading this application via the mobile network. To avoid additional charges, contact your service provider.

Application & media stores

Play Store

Use this application to purchase and download applications and games that are able to run on the device.

Tap **Play Store** on the Applications screen.

This application may not be available depending on the region or service provider.

Installing applications

Browse applications by category, or tap to search with a keyword.

Select an application to view information. To download it, tap **INSTALL**. If there is a charge for the application, tap the price, and follow the on-screen instructions to complete the purchase process.

- When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.
- To install applications that you downloaded from other sources, on the Applications screen, tap **Settings** → **General** → **Security** → **Unknown sources**.

Uninstalling applications

Uninstall the applications purchased from **Play Store**.

Tap → **My apps**, select an application to delete in the list of installed applications, and then tap **UNINSTALL**.

Samsung Apps

Use this application to purchase and download dedicated Samsung applications. For more information, visit *apps.samsung.com*.

Tap **Samsung Apps** on the Applications screen.

This application may not be available depending on the region or service provider.

Installing applications

Browse applications by category. Tap **CATEGORY** to select a category.

To search for an application, tap at the top of the screen, and then enter a keyword in the search field.

Select an application to view information. To download it, tap **Free**. If there is a charge for the application, tap the price, and follow the on-screen instructions to complete the purchase process.

When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.

Play Books

Use this application to read and download book files.

Tap **Play Books** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Movies & TV

Use this application to watch, download, and rent movies or TV shows.

Tap **Play Movies & TV** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Music

Use this application to listen to music from the device or stream music from the Google cloud service.

Tap **Play Music** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Games

Use this application to download and play games.

Tap **Play Games** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Newsstand

Use this application to read the latest news articles.

Tap **Play Newsstand** on the Applications screen.

This application may not be available depending on the region or service provider.

Utilities

S Note

Use this application to create a note using multimedia files or voice memos.

Tap **S Note** on the Applications screen.

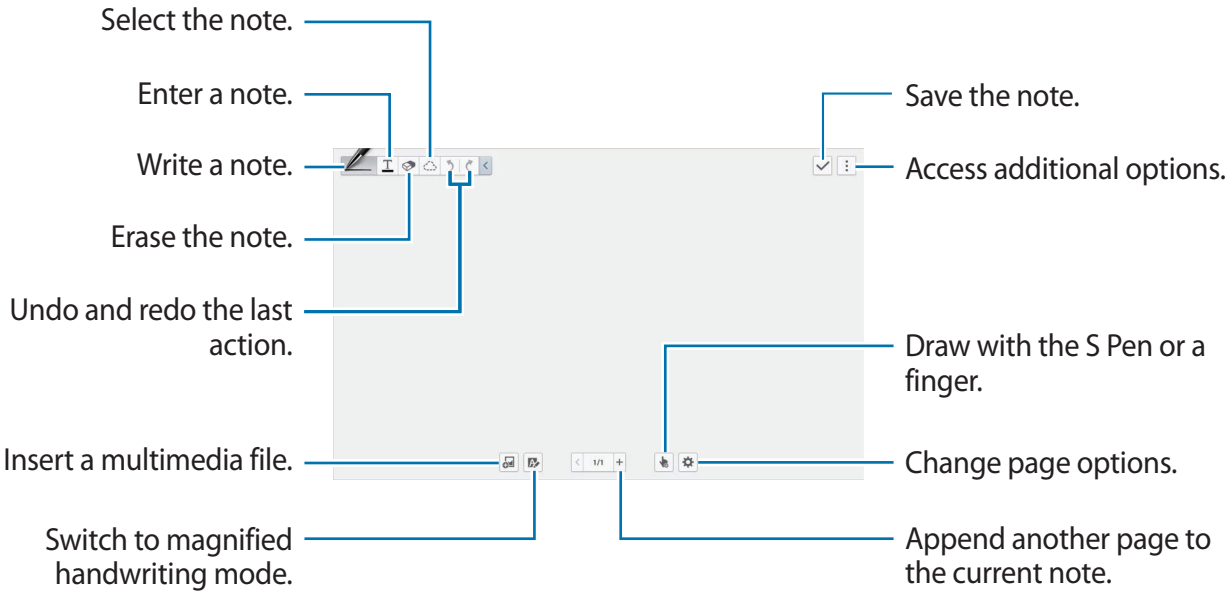
Creating notes

When running S Note for the first time, tap **Start** to set the default cover and template. Follow the on-screen instructions to complete the setup.

Composing notes

Create notes with enriched content by adding multimedia files or voice memos.

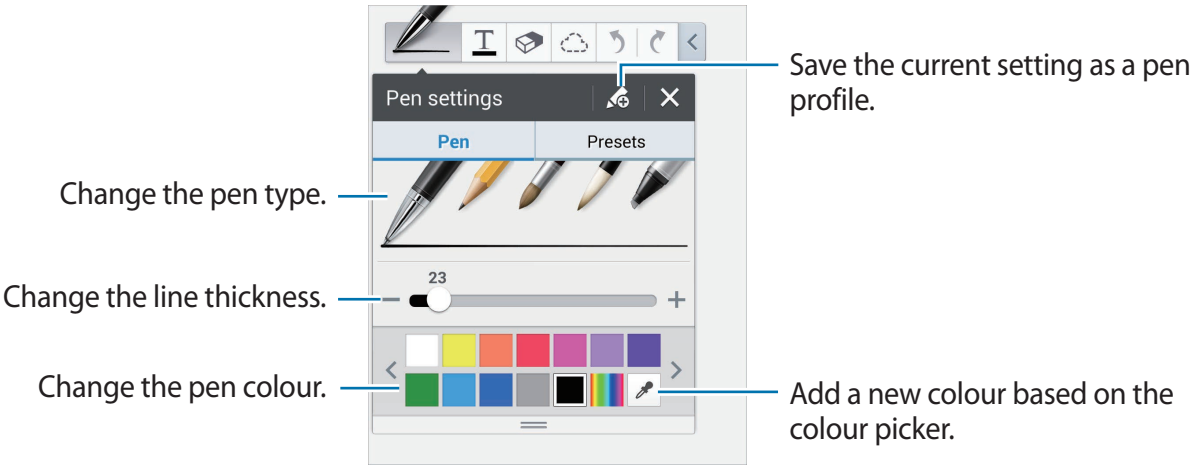
Tap to write or draw on the screen, or tap to enter text with the keyboard.


Select the note.
Enter a note.
Write a note.
Erase the note.
Undo and redo the last action.
Insert a multimedia file.
Switch to magnified handwriting mode.
Save the note.
Access additional options.
Draw with the S Pen or a finger.
Change page options.
Append another page to the current note.

When using the templates that have image frames, tap and hold an image frame, and then tap **Images** or **Take picture** to add an image.

To delete a frame, tap and hold the frame, and then tap **Delete**.

When jotting down a note, tap to change the pen type, line thickness, or pen colour.



To zoom in or out, spread two fingers apart or pinch them.

To add a new page, tap ⋮ → **Add page**.

To change the page template, tap ⋮ → **Add template**.

To change the layout of the pages or import pages from other notes, tap ⋮ → **Edit pages**.

To delete the page, tap ⋮ → **Delete page**.

To record your actions while drawing a note, tap ⋮ → **Record sketching**.

To hide the toolbar, tap ⋮ → **Hide tools**.

To save the page with a different name, tap ⋮ → **Save as**.

To add or delete tags on the page, tap ⚙ → **Edit tags**.

To add or edit an index on the page, tap ⚙ → **Edit index**.

To change the background of the page, tap ⚙ → **Change background**.

To display a grid on the page, tap ⚙ → **Show grid**.

Using the eraser tool

A drawn line is not recognised as a series of dots but short strokes. For this reason, you can select a whole line and delete, move, or transform it. However, you may happen to even erase unintended part of a line, or may not be able to erase intensive or overlapped lines when using the eraser tool.

To reduce the case of erasing unintended parts, adjust the eraser's size by tapping → .

To clear the note, tap **Clear all**.

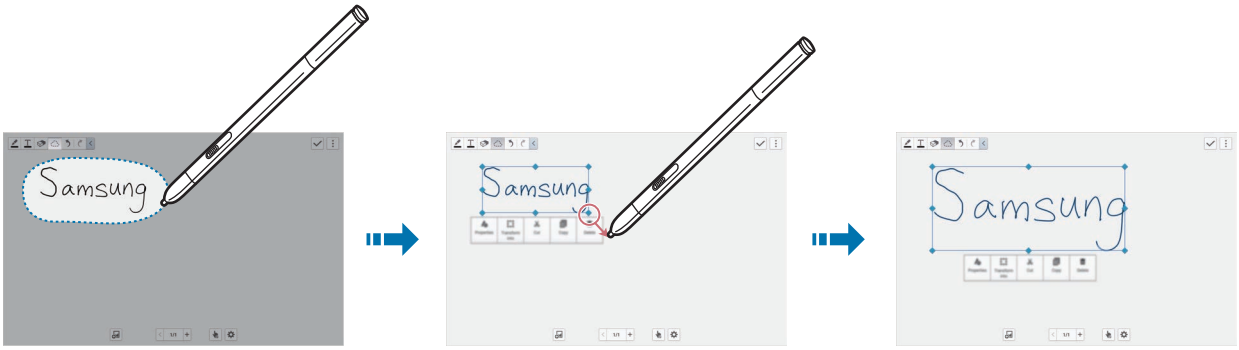
Even with a smaller eraser, you may not be able to precisely erase the intended area.

Editing handwritten notes

Select a handwritten note to cut, move, resize, or transform it. When jotting down or drawing a note, tap . Then, tap the note or draw a line around it to select and edit it.

To move the note to another location, select the note, and then drag it to a new location.

To resize the note, select the note, and then drag the frame handle.



With a handwritten note selected, use the following options:

- **Properties**: Change the note properties such as layout, size, colour, or thickness.
- **Transform into**: Convert a drawn shape or handwritten note to a well-organised one.
- **Cut**: Cut the note. To paste it to another location, tap and hold the location, and then tap **Paste**.
- **Copy**: Copy the note. To paste it to another location, tap and hold the location, and then tap **Paste**.
- **Delete**: Delete the note.

Inserting multimedia files

Tap to insert images, videos, voice memos, and more.

Inserting an idea sketch

Tap → **Idea Sketch**, and then write a keyword or select a category to search for images.

To add your own sketches to the list, tap , and then draw an image in the sketch panel.

Inserting an image or video with frame

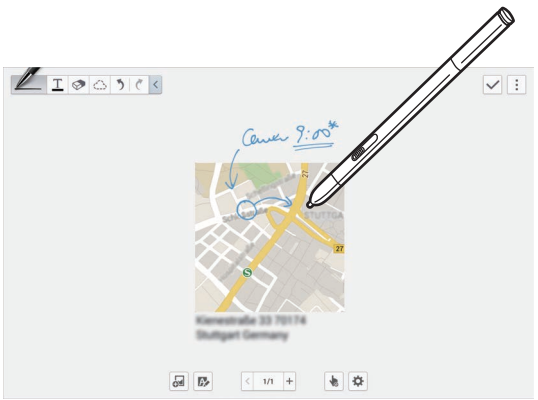
Tap → **Images** or **Video** → **Photo frame** or **Record video on canvas**.

Draw a frame on the note, and then tap inside the frame with the S Pen or your finger to take a photo or video.

Inserting map information

Tap → **Maps**, scroll through the maps or tap **Search** to search for a place, and then tap **Capture**.

To view the location in full screen, tap and hold the map, and then tap **Open map**.



Creating and managing charts

Making a table

Tap → **Easy chart** → **Table**, set the number of rows and columns for the table, and then tap **Done**.

To enter data in the table, tap a table cell.

To add or delete columns, tap → **Add column** or **Delete column**.

To add or delete rows, tap → **Add row** or **Delete row**.

Making a chart

To make a chart, tap → **Easy chart**, and then select a chart type. Then, draw bars, lines, or dividers on the chart.

To make a chart from the data in the table, tap and hold the table, tap **Edit chart** → , and then select a chart type.

Editing a chart

To edit a chart, tap and hold a chart or table, tap **Edit chart**, and then use the following options:

- Tap at the top left of the screen to change the chart type.
- Tap an item, tap , and then edit values.

The available options may vary depending on the chart type.

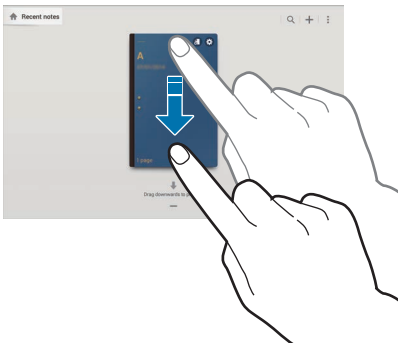
Viewing note pages

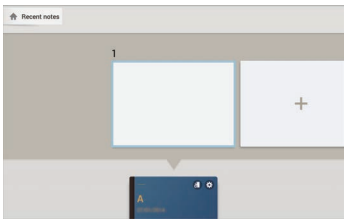
When viewing pages, tap ⋮ to use the following options:

- **Delete**: Delete the page.
- **Share via**: Send the page to others.
- **Export**: Export the page as an image file or a PDF file.
- **Edit pages**: Change the layout of the pages or import pages from other notes.
- **Edit tags**: Add or delete tags on the page.
- **Edit index**: Add or edit an index on the page.
- **Add shortcut to home**: Add a shortcut to the page on the Home screen.
- **Print**: Print the page by connecting the device to a printer. Some printers may not be compatible with the device.
- **Save as**: Save the page with a different name.
- **Set as**: Set the page as wallpaper or a contact image.

Viewing pages preview

Drag down a note to preview the pages above the note.





Tap ⚙ on the note cover to access the following options:

- **Delete**: Delete the note.
- **Share via**: Share the note with others.
- **Export**: Export the note as an image file or a PDF file.
- **Rename**: Rename the note.
- **Edit cover**: Change the note cover.
- **Add to favourites**: Add the note to the favourites list.
- **Lock**: Lock the note so that others cannot view it.
- **Add shortcut to home**: Add a shortcut to the note on the Home screen.

Editing notes

Tap a note to open it. The note is displayed in view mode. To edit the note, tap ✎.

Searching for notes

Use this feature to search for a note by entering search criteria, such as names, tags, text, or handwritten words.

Tap 🔍, tap the search field at the top of the screen, and then enter search criteria.

Action Memo

Use this application to compose a handwritten memo and quickly perform one of the useful features provided with Action Memo.

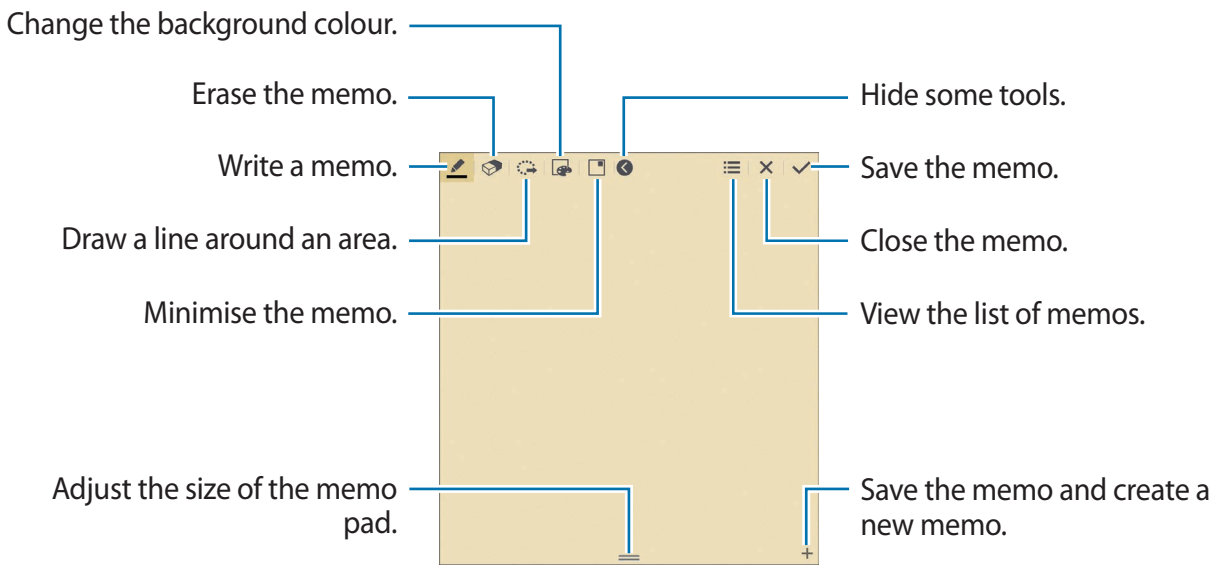
Tap **Action Memo** on the Applications screen.

Composing memos

Tap , write a memo, and then tap . When the menu of functions appears, select a function to use the information on the memo you wrote.

- : Create a contact.
- : Send a message.
- : Send an email.
- : Search the Internet.
- : Search for a location.
- : Create a task.

If you want to use specific information from the memo, tap to deselect the memo and draw a circle around the information.


Change the background colour.
Erase the memo.
Write a memo.
Draw a line around an area.
Minimise the memo.
Adjust the size of the memo pad.
Hide some tools.
Save the memo.
Close the memo.
View the list of memos.
Save the memo and create a new memo.

Browsing memos

Browse memo thumbnails by scrolling up or down.

To edit the memo, tap the memo.

To create a memo, tap .

To search for a memo, tap .

To delete memos, tap .

To send memos to other, tap → **Share via**.

To change the view mode, tap → **View**.

To access help information for action memo, tap → **Help**.

S Planner

Use this application to manage events and tasks.

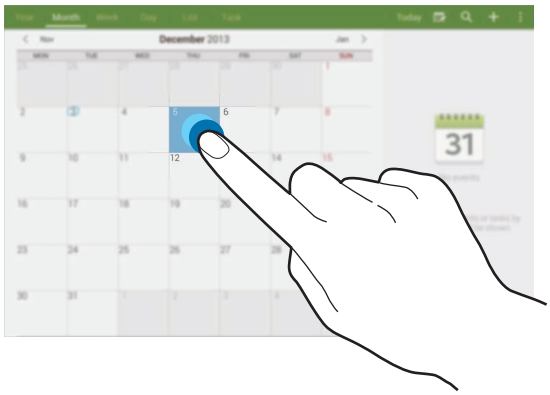
Tap **S Planner** on the Applications screen.

Creating events or tasks

Tap , and then use one of the following methods:

- **Event**: Enter an event with an optional repeat setting.
- **Task**: Enter a task with an optional priority setting.

To add an event or task more briefly, tap a date to select it and tap it again.



Enter a title and specify which calendar to use or sync with. Then tap **Edit event details** or **Edit task details** to add more details, such as how often the event repeats, when it has an advance alert, or where it takes place.

Attach a map showing the location of the event. Enter the location in the **Location** field, tap next to the field, and then pinpoint the precise location by tapping and holding on the map that appears.

Syncing with Google Calendar

On the Applications screen, tap **Settings** → **General** → **Accounts** → **Google** under **My accounts**, select the Google account, and then tick **Sync Calendar**.

To manually sync for updating, on the Applications screen, tap **S Planner** → → **Sync**.

To display synced events or tasks, tap → **Calendars**, and then tick the Google account.

Handwriting in month view

On the month view screen, tap to activate this feature. This is available in month view only.

Changing calendar type

Select one from among different types of calendars including year, month, week, and others at the top of the screen.

Searching for events or tasks

Tap , and then enter a keyword to search for.

To view today's events or tasks, tap **Today** at the top of the screen.

Deleting events or tasks

Select an event or task, and then tap → **Delete**.

Sharing events or tasks

Select an event or task, tap → **Share via**, and then select a sharing method.

Dropbox

Use this application to save and share files with others via the Dropbox cloud storage. When you save files to Dropbox, your device automatically syncs with the web server and any other computers that have Dropbox installed.

Tap **Dropbox** on the Applications screen.

This application may not be available depending on the region or service provider.

When running Dropbox for the first time, tap **Start** to activate it. Follow the on-screen instructions to complete the setup.

Once Dropbox is activated, tap **Turn on Camera Upload** to upload photos and videos taken with the device's camera to Dropbox automatically. To view the uploaded photos or videos, tap . To share or delete files or create albums, tap , and then select files.

To upload files to Dropbox, tap → → **Upload here** → **Photos or videos** or **Other files**. To open files in Dropbox, select a file.

While viewing images or videos, tap to add it to the favourites list. To open files in the favourites list, tap .

Cloud

Use this feature to sync files or back up application data with your Samsung account or Dropbox.

On the Applications screen, tap **Settings** → **General** → **Cloud**.

This feature may not be available depending on the region or service provider.

Syncing with the Samsung account

Tap your Samsung account or **Sync settings** to sync files.

Backing up or restoring data

Tap **Backup** or **Restore** to back up or restore data with your Samsung account.

Syncing with Dropbox

Tap **Link Dropbox account**, and then enter the Dropbox account. Follow the on-screen instructions to complete the setup.

Once you sign in, tap **Allow** and the device automatically syncs files with Dropbox whenever you make some changes.

Drive

Use this application to create and edit documents and share them with others via Google Drive storage. When you create documents or upload files to Google Drive, your device automatically syncs with the web server and any other computer with Google Drive installed. Access your files without transferring or downloading.

Tap **Drive** on the Applications screen.

This application may not be available depending on the region or service provider.

Hancom Viewer

Use this application to view documents in various formats, including spreadsheets and presentations.

Tap **Hancom Viewer** on the Applications screen.

Searching documents

Tap **Open** to browse a document.

While browsing a document, use one of the following options:

- : Create a folder.
- : Retrieve new documents.
- : Sort documents and folders.
- : Change the view mode.
- : Select documents or folders.

To search for recently-used documents, tap **Recent Documents**.

Reading documents

Tap a document in **Recent Documents** or in a folder.

Tap or , and then use one of the following functions:

Word processor

- **Find**: Search for text.
- **Zoom**: Change the view size.
- **Document Info**: View document details such as title, date, and author.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.
- **Send**: Send the document to others or share it.
- **Help**: View information about Hancom Viewer.

Presentation

- **Find**: Search for text.
- **Zoom**: Change the view size.
- **Document Info**: View document details such as title, date, and author.
- **Slide Show**: Start a slideshow from the first page.
- **From Current Slide**: Start a slideshow from the current page.
- **Show Presenter View**: Display presentation tools on the device when it is connected to an external monitor.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.
- **Send**: Send the document to others or share it.
- **Help**: View information about Hancom Viewer.

Spreadsheet

- **Find**: Search for text.
- **Zoom**: Change the view size.
- **Document Info**: View document details such as title, date, and author.
- **Sort**: Sort cells by specific criteria.
- **Show Formulas**: View the formulas inside cells instead of their calculated results.
- **Freeze Panes**: Keep the selected row in place.
- **Gridlines**: Hide or show gridlines.
- **Show All Comments**: Hide or show memos on the document.
- **Print Area**: Select an area to print.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.
- **Send**: Send the document to others or share it.
- **Help**: View information about Hancom Viewer.

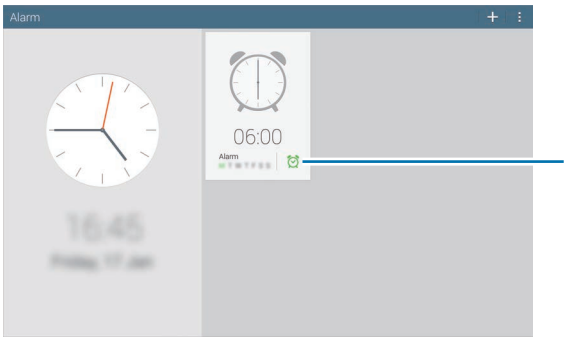
PDF

- **Search**: Search for text.
- **Send**: Send the document to others or share it.
- **Properties**: View document details such as title, date, and author.
- **Zoom**: Change the view size.
- **Hide comments**: Hide or show comments on the document.
- **Vertical page scrolling**: Change the view mode. This option may be labelled differently depending on the view mode selected.
- **Reading view**: View the document contents only, without margins.
- **Go to page**: Move to a specified page.
- **Bookmarks**: View bookmarks on the document.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.

Alarm

Use this application to set alarms for important events.

Tap **Alarm** on the Applications screen.



Setting alarms

Tap , set a time for the alarm to go off, select days for the alarm to repeat, and then tap **Save**. You can also write numbers with the S Pen to set an alarm.

- **Location alarm**: Set a location. The alarm goes off only when you are in the location.
- **Snooze**: Set an interval and the number of times for the alarm to repeat after the preset time.
- **Smart alarm**: Set a time for the alarm to go off before the preset time.

Stopping alarms

Drag outside the large circle to stop an alarm. Drag outside the large circle to repeat the alarm after a specified length of time.

Deleting alarms

Tap → **Select**, select alarms, and then tap .

World Clock

Use this application to check the time of many major cities in the world.

Tap **World Clock** on the Applications screen.

Creating clocks

Tap and enter a city name or select a city from the cities list.

To apply summer time, tap → **Select**, select a clock, and then tap → **DST settings**.

Deleting clocks

Tap → **Select**, select clocks, and then tap .

Calculator

Use this application for simple or complex calculations.

Tap **Calculator** on the Applications screen.

To clear the history, tap .

S Voice

Use this application to command the device by voice to perform various features.

Tap **S Voice** on the Applications screen. Alternatively, press the Home button twice.

- This application may not be available depending on the region or service provider.
- This application is not supported in some languages.

Here are several examples of spoken commands:

- Open music
- Launch calculator
- Check schedule

Tips for better voice recognition

- Speak clearly.
- Speak in quiet places.
- Do not use offensive or slang words.
- Avoid speaking in dialectal accents.

The device may not recognise your commands or may perform unwanted commands depending on your surroundings or how you speak.

Using wake-up commands on the locked screen

On the locked screen, you can use various functions with preset wake-up commands.

To activate this feature, on the Applications screen, tap **Settings** → **Device** → **Lock screen**, and then drag the **Wake up in lock screen** switch to the right.

S Finder

Use this application to search for a wide variety of items on the device, including emails, documents, images, music, applications, and more.

Tap **S Finder** on the air command.

Tap the search field, and then enter search criteria. Alternatively, tap , and then speak a keyword to search for. You can also use this feature to search for handwritten content in the device.

Google

Use this application to search not only the Internet, but also applications and their contents on the device as well.

Tap **Google** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching the device

Tap the search field, and then enter a keyword. Alternatively, tap , and then speak a keyword.

Search scope

To select what applications to search, tap → **Settings** → **Tablet search**, and then tick the items to search for.

Google Now

Launch Google search to view Google Now cards that show the current weather, public transit info, your next appointment, and more when you are most likely to need it.

Join Google Now when opening Google search for the first time. To change Google Now settings, tap → **Settings**, and then drag the **Google Now** switch to the left or right.

Voice Search

Use this application to search webpages by speaking.

Tap **Voice Search** on the Applications screen.

This application may not be available depending on the region or service provider.

Speak a keyword or phrase when **Speak now** appears on the screen.

Scrapbook

Use this application to create your own digital scrapbook with content from webpages, videos, and more.

Tap **Scrapbook** on the Applications screen.

This application may not be available depending on the region or service provider.

Creating categories

Tap , select a layout from the list, enter a name, and then tap **Save**.

Collecting items

While viewing webpages, or videos, with the S Pen button pressed, draw a line around an area to select it. Tap **Scrapbook** from the list of applications that appears at the bottom of the screen, select a category, and then tap **Done** to add the selected area.

Alternatively, tap **Scrapbooker** on the air command, draw a line around an area, select a category, and then tap **Done**.

Viewing items

Select a category, and then select an item. While viewing an item, tap to go to the source.

My Files

Use this application to access all kinds of files stored in the device, including images, videos, songs, and sound clips.

Tap **My Files** on the Applications screen.

Viewing files

Files stored in the device are sorted by criteria. From the left pane of the screen, select one of the following categories:

- **Timeline**: View files that are grouped by date.
- **Favourite folders**: View shortcuts to folders.
- **Folders**: View files stored in the internal memory or a memory card, and shortcuts to FTP servers.
- **Categories**: View files sorted by their types.
- **Apps**: View files stored or created in specific applications.

Select a category, and then select a file or folder to open it.

After selecting a category, tap ⋮, and then use one of the following options:

- **Select**: Select files or folders.
- **Sort by**: Sort files or folders.
- **Add to favourite folders**: Add a shortcut to the folder in **Favourite folders**.
- **Add shortcut to home**: Add a shortcut to a file or folder to the Home screen.
- **Add FTP**: Add an FTP server shortcut in **Folders**.
- **Scan for Nearby Devices**: Search for devices that have media sharing activated.
- **Display options**: Change the file display options.

Tap → **Select**, select a file or folder, and then use one of the following functions:

- : Send files to others or share them.
- : Delete files or folders.
- : Move files or folders to another folder.
- : Copy files or folders to another folder.
- → **Rename**: Rename a file or folder.
- → **Add to favourite folders**: Add a shortcut to the folder in **Favourite folders**.
- → **Add shortcut to home**: Add a shortcut to a file or folder to the Home screen.
- → **Zip**: Compress files or folders to create a zip file.
- → **Details**: View file or folder details.

Searching for a file

Tap , and then enter search criteria.

Viewing storage information

Tap to view memory information for your device and memory card.

Changing the view mode

Tap to change the view mode.

Creating folders

Tap , enter a name for the folder, and then tap **OK**.

Adding shortcuts to folders

Add a shortcut to frequently-used folders in **Favourite folders**. Select a folder and tap → **Add to favourite folders**.

Adding FTP server shortcuts to the device

Add an FTP server shortcut in **Folders**. Tap → **Add FTP**, enter details for the FTP server, and then tap **Done**.

Downloads

Use this application to see what files are downloaded through the applications.

Tap **Downloads** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a file to open it with an appropriate application.

To sort the files by title, tap → **By name**.

To sort the files by date, tap → **By date**.

To sort the files by size, tap → **By size**.

To clear the history, tap → **Clear list**.

Evernote

Use this application to create, synchronise, and share multimedia notes. You can add tags to the notes, or sort the notes into a notebook so that you can manage your ideas efficiently.

Tap **Evernote** on the Applications screen.

This application may not be available depending on the region or service provider.

KNOX

Use this application to separate personal and work data and to access enterprise applications securely from your device.

Tap **KNOX** on the Applications screen.

To start **KNOX**, you need to download and install the application. Tap **Install** and follow the on-screen instructions.

- This application may not be available depending on the region or service provider.
- To secure your data, **KNOX** and associated data are deleted when the password is entered incorrectly several times.
- You may incur additional charges when downloading this application via the mobile network. To avoid additional charges, contact your service provider.

Travel & local

Maps

Use this application to pinpoint the location of the device, search for places, or get directions.

Tap **Maps** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching for locations

Search for locations by entering an address or a keyword. Once the location is found, select a location to view the detailed information. Refer to the help for more information.

Getting directions for a destination

Tap to set starting and ending locations, and then select a travel method. The device shows the routes to get to the destination.

Settings

About Settings

Use this application to configure the device, set application options, and add accounts.

Tap **Settings** on the Applications screen.

Connections

Wi-Fi

Activate the Wi-Fi feature to connect to a Wi-Fi network and access the Internet or other network devices.

To use options, tap ⋮.

- **Advanced**: Customise Wi-Fi settings.
- **WPS push button**: Connect to a secured Wi-Fi network with a WPS button.
- **WPS PIN entry**: Connect to a secured Wi-Fi network with a WPS PIN.
- **Help**: Access help information for Wi-Fi.

Setting Wi-Fi sleep policy

On the Settings screen, tap **Connections** → **Wi-Fi** → ⋮ → **Advanced** → **Keep Wi-Fi on during sleep**.

When the screen is turned off, the device automatically turns off Wi-Fi connections. When this happens, the device automatically accesses data networks if it is set to use them. This may incur data transfer fees. To avoid data-usage bills, set this option to **Always**.

Setting Network notification

The device can detect open Wi-Fi networks and display an icon on the status bar to notify when available.

On the Settings screen, tap **Connections** → **Wi-Fi** → ⋮ → **Advanced** and tick **Network notification** to activate this feature.

Wi-Fi Direct

Wi-Fi Direct connects two devices directly via a Wi-Fi network without requiring an access point.

On the Settings screen, tap **Connections** → **Wi-Fi** → **Wi-Fi Direct**.

Bluetooth

Activate the Bluetooth feature to exchange information over short distances.

To use more options, tap ⋮.

- **Visibility timeout**: Set duration that the device is visible.
- **Received files**: View received files via the Bluetooth feature.
- **Help**: Access help information for Bluetooth.

Tethering and portable hotspot

- **Portable Wi-Fi hotspot**: Use the portable Wi-Fi hotspot to share the device's mobile network connection with computers or other devices through the Wi-Fi network.
- **USB tethering**: Use USB tethering to share the device's mobile network connection with a computer via USB. When connected to a computer, the device is used as a wireless modem for the computer.
- **Bluetooth tethering**: Use Bluetooth tethering to share the device's mobile network connection with computers or other devices via Bluetooth.

Flight mode

This disables all wireless functions on your device. You can use only non-network services.

Network booster

Set the device to download files via both Wi-Fi and mobile networks at the same time.

- **Set minimum file size**: Select a minimum size for files to download using this feature.
- **Mobile data usage pop-ups**: Set the device to display a pop-up window before downloading files via the mobile network.

Data usage

Keep track of your data usage amount, and customise the settings for the limitation.

- **Mobile data**: Set the device to use data connections on any mobile network.
- **Set mobile data limit**: Set a limit for the mobile data usage.
- **Data usage cycle**: Enter monthly reset date to monitor your data usage.

To use more options, tap ⋮.

- **Data roaming**: Set the device to use data connections when you are roaming.
- **Restrict background data**: Set the device to disable sync in the background while using a mobile network.
- **Auto sync data**: Activate or deactivate auto-syncing of applications. You can select what information to sync for each account in **Settings** → **General** → **Accounts**.
- **Show Wi-Fi usage**: Set the device to show your data usage via Wi-Fi.
- **Mobile hotspots**: Select Wi-Fi hotspots to prevent applications that are running in the background from using them.

Location

Change settings for location information permissions.

- **Mode**: Select a method to collect your location data.
- **My places**: Set up profiles that will be used for specific locations when you use GPS, Wi-Fi, or Bluetooth features to find your current location.

More networks

Customise settings to control connections with other devices or networks.

Default SMS app

Select the default application to use for messaging.

Printing

Configure settings for printer plug-ins installed on the device. You can search for available printers or add one manually to print files via Wi-Fi or cloud services.

Mobile networks

- **Mobile data**: Use to allow packet switching data networks for network services.
- **Data roaming**: Set the device to use data connections when you are roaming.
- **Access Point Names**: Set up access point names (APNs).
- **Network mode**: Select a network type.
- **Network operators**: Search for available networks and select a network for roaming.

VPN

Set up and connect to virtual private networks (VPNs).

Ethernet

- **Ethernet**: Activate the Ethernet feature to connect to a local area network or the Internet.
- **Configure Ethernet device**: Configure network settings for Ethernet devices.

Nearby devices

- **Device name**: View the device name.
- **Shared contents**: Set the device to share your content with other devices.
- **Allowed devices list**: View the list of devices that can access your device.
- **Not-allowed devices list**: View the list of devices that are blocked from accessing your device.
- **Download to**: Select a memory location for saving media files.
- **Upload from other devices**: Set the device to accept uploads from other devices.

Screen Mirroring

Activate the screen mirroring feature and share your display with others.

Device

Sound

Change settings for various sounds on the device.

- **Volume**: Adjust the volume level for music and videos, system sounds, and notifications.
- **Vibration intensity**: Adjust the force of the vibration notification.
- **Default notification sound**: Select a ringtone for events, such as incoming messages.
- **Touch sounds**: Set the device to sound when selecting an application or option on the touch screen.
- **Screen lock sound**: Set the device to sound when locking or unlocking the touch screen.
- **Haptic feedback**: Set the device to vibrate when touching keys.
- **Pen attach/detach sound**: Set the device to emit a sound when the S Pen is inserted or pulled out from the slot.
- **Samsung applications**: Change the notification settings for each application.

- **Key-tap sound**: Set the device to sound when a key is touched.
- **Key-tap vibration**: Set the device to vibrate when a key is touched.
- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.
- **Adapt Sound**: Personalise the sound for the ear you use most while listening to music.

Display

Change the settings for the display.

- **Brightness**: Set the brightness of the display.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Touch key light duration**: Set the duration for the touch button backlight.
- **Screen mode**:
  - **Adapt display**: Use this mode for optimising the display according to the display settings.
  - **Dynamic**: Use this mode to make the display tone more vivid.
  - **Standard**: Use this mode for normal surroundings.
  - **Movie**: Use this mode for dim surroundings, such as in a dark room.
- **Reading mode**: Select which applications will use reading mode. In reading mode, the device helps protect your eyes when reading at night.
- **Daydream**: Set the device to launch a screensaver when your device is charging.
- **Display battery percentage**: Set the device to display the remaining battery life.
- **Edit after screen capture**: Set to edit the screenshot after capturing it.

Multi window

Activate the Multi Window feature to run multiple applications on the screen at the same time.

- **Open in multi window view**: Set the device to activate the Multi Window feature when you open files from **My Files** or **Video**.

Lock screen

Change settings for the locked screen.

- **Screen lock**: Activate the screen lock feature. The following options may vary depending on the screen lock feature selected.
- **Lock screen card**: Set the device to display cards on the locked screen that show the current weather, news updates, your schedule, and more. Change the settings for the cards.
- **Clock widget options**: Configure settings for the clock widget.
  - **Dual clock**: Set the device to show the dual clock.
  - **Clock size**: Change the size of the clock.
  - **Show date**: Set the device to show the date with the clock.
- **Shortcuts**: Set the device to show and edit application shortcuts on the locked screen.

This feature may not be available depending on the region or service provider.

- **Personal message**: Set the device to show a personal message on the locked screen.
  - **Edit personal information**: Edit the personal message.
- **Owner information**: Enter your information that is shown with the clock.
- **Unlock effect**: Select an effect when you unlock the screen.
- **Ink effect**: Change the colour for the ink effect.
- **Wake up in lock screen**: Set the device to recognise your wake up command when the screen is locked.
- **Action Memo on lock screen**: Set the device to launch Action Memo when you double-tap the locked screen with the S Pen button pressed.
- **Help text**: Set the device to show the help text on the locked screen.

Wallpaper

Change the wallpaper settings.

- **Home screen**: Select a background image for the Home screen.
- **Lock screen**: Select a background image for the locked screen.
- **Home and lock screens**: Select a background image for the Home screen and the locked screen.

Font

Change the settings for the font.

- **Font style**: Change the font type for display text.
- **Font size**: Change the font size.

Notification panel

Customise the items that appear on the notifications panel.

- **Brightness and volume**: Set the device to display the brightness and volume adjustment bars on the notifications panel.
- **Recommended apps**: Set the device to display a list of recommended applications on the notifications panel based on your actions, such as connecting a headset to the device.
- **Set the quick setting buttons**: Rearrange the quick setting buttons displayed on the notifications panel.

Accessibility

Accessibility services are special features for those with certain physical disabilities. Access and alert the following settings to improve accessibility to the device.

- **Auto rotate screen**: Set the interface to rotate automatically when you rotate the device.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Speak passwords**: Set the device to read aloud passwords you enter with TalkBack.
- **Easy touch mode**: Set this to control notifications by tapping the button instead of dragging it.
- **Show shortcut**: Add a shortcut to **Accessibility** or **TalkBack** on the quick menu that appears when you press and hold the Power button.
- **Manage accessibility**: Export or import the accessibility settings to share them with other devices.
  - **Export**: Export the current accessibility settings as a file.
  - **Update**: Import the current accessibility settings as a file.
  - **Share via**: Send the accessibility settings file to others.

- **TalkBack**: Activate TalkBack, which provides voice feedback.
- **Font size**: Change the font size.
- **Magnification gestures**: Set the device to zoom in and out with finger gestures.
- **Negative colours**: Reverse the display colours to improve visibility.
- **Colour adjustment**: Adjust the colour scheme for the screen when the device determines that you are colour blind or having difficulty reading content.
- **Notification reminder**: Set the device to alert you when you have missed notifications and set an interval for repeating the alert.
- **Accessibility shortcut**: Set the device to activate TalkBack when you press and hold the Power button, and then tap and hold the screen with two fingers.
- **Text-to-speech options**:
  - **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
  - **Speech rate**: Select a speed for the text-to-speech feature.
  - **Listen to an example**: Listen to the spoken text for an example.
  - **Default language status**: View the status of the default language for the text-to-speech feature.
- **Sound balance**: Adjust the sound balance when using a dual headset.
- **Mono audio**: Enable mono sound when listening to audio with one earbud.
- **Turn off all sounds**: Mute all device sounds.
- **Flash notification**: Set the flash to blink when you have new messages or notifications.
- **Google subtitles (CC)**: Set the device to display closed captions on content supported by Google and to change the closed caption settings.
- **Samsung Subtitles (CC)**: Set the device to display closed captions on content supported by Samsung and to change the closed caption settings.
- **Assistant menu**: Set the device to show the assistive shortcut icon that helps you access functions supported by external buttons or features on the notifications panel. You can also edit the menu on the shortcut icon.
  - **Dominant hand**: Select the left or right hand for easy assistant menu use.
  - **Edit**: Customise the items that appear on the assistant menu.
- **Tap and hold delay**: Set the recognition time for tapping and holding the screen.

- **Interaction control**: Activate interaction control mode to restrict the reaction of the device for inputs in an application.

Blocking mode

Select which notifications will be blocked and how long to block them.

Controls

Language and input

Change the settings for text input. Some options may not be available depending on the selected language.

Language

Select a display language for all menus and applications.

Default

Select a default keyboard type for text input.

Samsung keyboard

To change the Samsung keyboard settings, tap ⚙.

The available options may vary depending on the region or service provider.

- **Select input languages**: Select languages for text input.
- **Predictive text**: Activate predictive text mode to predict words based on your input and show word suggestions. You can also customise the word prediction settings.
- **Auto replacement**: Set the device to correct misspelled and incomplete words by tapping the space bar or punctuation mark.
- **Auto capitalisation**: Set the device to automatically capitalise the first character after a final punctuation mark, such as a full stop, question mark, or exclamation mark.
- **Auto spacing**: Set the device to automatically insert a space between words.
- **Auto-punctuate**: Set the device to insert a full stop when you double-tap the space bar.

- **None**: Set the device to deactivate the keyboard swipe feature.
- **Continuous input**: Set the device to enter text by sweeping on the keyboard.
- **Cursor control**: Enable the smart keyboard navigation feature to move the cursor by scrolling the keyboard.
- **Sound**: Set the device to sound when a key is touched.
- **Vibration**: Set the device to vibrate when a key is touched.
- **Character preview**: Set the device to display a large image of each character tapped.
- **Pen detection**: Set the device to open the handwriting panel when the field is tapped with the S Pen.
- **Help**: Access help information for using the Samsung keyboard.
- **Reset settings**: Reset Samsung keyboard settings.

Google voice typing

To change the voice input settings, tap ⚙.

- **Choose input languages**: Select input languages for text input.
- **Block offensive words**: Set the device to prevent the device from recognising offensive words in voice inputs.
- **Offline speech recognition**: Download and install language data for offline voice input.

Handwriting recognition

Select a language of handwriting recognition.

Voice recogniser

Select a voice recognition engine.

This feature appears once you use a voice recognition application.

Voice search

For Samsung voice recognition, use the following options:

- **Language**: Select a language for the voice recognition.
- **Open via the home key**: Set the device to launch **S Voice** by tapping the Home button twice.
- **Use location data**: Set the device to use location information for voice search results.
- **Hide offensive words**: Hide offensive words from voice search results.
- **About**: View version information.
- **Show body of message**: Set the device to display the text of a new message received while in hands-free mode.
- **Wake up command**: Set the device to start voice recognition by saying a wake up command while using **S Voice**.
- **Check missed events**: Set the device to check missed messages or events when **S Voice** is launched by pressing the headset button.
- **Home address**: Enter your home address to use location information with the voice command feature.
- **Log in to Facebook**: Enter your Facebook account information to use Facebook with **S Voice**.
- **Log in to Twitter**: Enter your Twitter account information to use Twitter with **S Voice**.

For Google voice recognition, use the following options:

- **Language**: Select a language for the voice recognition.
- **Speech output**: Set the device to provide voice feedback to alert you to the current action.
- **Block offensive words**: Hide offensive words from voice search results.
- **Offline speech recognition**: Download and install language data for offline voice input.
- **Bluetooth headset**: Set the device to allow a voice search with a Bluetooth headset, when one is connected to the device.

Text-to-speech options

- **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
- **Speech rate**: Select a speed for the text-to-speech feature.
- **Listen to an example**: Listen to the spoken text for an example.
- **Default language status**: View the status of the default language for the text-to-speech feature.

Mouseover

Activate the Mouseover feature to perform various functions while the pointer of the mouse or trackpad connected to your device is moving over the screen.

- **Preview and icon labels**: Set the device to display a preview of the content or pop-up information when the pointer points at an item.
- **List scrolling**: Set the device to scroll through lists by moving the pointer to an edge of the screen.

Pointer speed

Adjust the pointer speed for the mouse or trackpad connected to your device.

Voice control

Set the device to recognise voice commands for controlling your device. You can select the features to control with voice commands.

S Pen

Change the settings for using the S Pen.

- **Disable pen detection**: Set the screen not to respond when inserting or removing the S Pen.
- **Pointer**: Set the device to display the S Pen pointer when hovering the S Pen over the screen.
- **Direct pen input**: Set the device to launch the handwriting pad when hovering the S Pen over a text input field.

- **Air view**: Set the device to activate the air view feature to preview content or view information in a pop-up window when you point at an item with the S Pen.
  - **Information preview**: View information in a pop-up window by pointing at items with the S Pen.
  - **Progress preview**: While playing music or videos, preview a scene or view the elapsed time by pointing at the progress bar with the S Pen.
  - **Icon labels**: View simple information for an item in a pop-up window by pointing at the item with the S Pen.
  - **List scrolling**: While viewing emails or webpages, hold the S Pen over the edge of the screen to scroll through the page.
- **Air command**: Set the device to activate the air command feature to perform various actions with the S Pen button pressed.
- **Sound and haptic feedback**: Set the device to sound and vibrate when hovering over files, subjects, or options.
- **Pen detachment options**: Set the device to launch Action Memo or display air command when the S Pen is pulled out from the slot.
- **Pen attach/detach sound**: Set the device to emit a sound when the S Pen is inserted or pulled out from the slot.
- **Attach/detach vibration**: Set the device to vibrate when the S Pen is inserted or pulled out from the slot.

Motions

Activate the motion recognition feature and change the settings that control motion recognition on your device.

- **Zoom**: Set the device to zoom in or out while viewing images in **Gallery** or browsing webpages, when you tap and hold two points with your fingers and then tilt the device back and forth.
- **Browse an image**: Set the device to scroll through an image by moving the device in any direction when the image is zoomed in.

Palm motion

Activate the palm motion feature to control the device by touching the screen.

- **Capture screen**: Set the device to capture an image of the screen when you sweep your hand to the left or right across the screen.
- **Mute/Pause**: Set the device to pause media playback when you touch the screen with your palm.

Smart screen

- **Smart stay**: Set the device to prevent the display backlight from turning off while you are looking at the display.
- **Smart rotation**: Set the interface not to rotate according to the orientation of your face.
- **Smart pause**: Set the device to pause video playback when you look away from the screen.

General

Accounts

Add email or SNS accounts.

Cloud

Change settings for syncing data or files with your Samsung account or Dropbox cloud storage.

Backup and reset

Change the settings for managing settings and data.

- **Back up my data**: Set the device to back up settings and application data to the Google server.
- **Backup account**: Set up or edit your Google backup account.
- **Automatic restore**: Set the device to restore settings and application data when the applications are reinstalled on the device.
- **Factory data reset**: Reset settings to the factory default values and delete all data.

Date and time

Access and alter the following settings to control how the device displays the time and date.

If the battery remains fully discharged or removed from the device, the time and date is reset.

- **Automatic date and time**: Automatically update the time and date when moving across time zones.
- **Set date**: Set the current date manually.
- **Set time**: Set the current time manually.
- **Automatic time zone**: Set the device to receive time zone information from the network when you move across time zones.
- **Select time zone**: Set the home time zone.
- **Use 24-hour format**: Display time in 24-hour format.
- **Select date format**: Select a date format.

Accessory

Change the accessory settings.

- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.
- **Automatic unlock**: Set the device to unlock automatically when the cover is flipped open.
- **Daynote**: Set the device to display a daily note showing date, time, weather, and events when you open the cover.
- **Unit**: Select the default unit of temperature when displaying weather information in Daynote.

Application manager

View and manage the applications on your device.

Default applications

- **Home**: Select a default Home screen mode.

Users

Set up and manage user profiles for personalised settings.

Battery

View the amount of battery power consumed by your device.

Power saving mode

Activate power-saving mode and change the settings for power-saving mode.

- **CPU power saving**: Set the device to limit some system resource usage.
- **Screen power saving**: Set the device to decrease the brightness of the display.
- **Turn off haptic feedback**: Set the device to turn off the vibration when touching keys.
- **Learn about Power saving**: Discover how to reduce battery consumption.

Storage

View memory information for your device and memory card, or format a memory card.

Formatting a memory card permanently deletes all data from it.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

Security

Change settings for securing the device and the SIM or USIM card.

- **Encrypt device**: Set a password to encrypt data saved on the device. You must enter the password each time you turn on the device.

Charge the battery before enabling this setting because it may take more than an hour to encrypt your data.

- **Encrypt external SD card**: Set the device to encrypt files on a memory card.

If you reset your device to the factory defaults with this setting enabled, the device will not be able to read your encrypted files. Disable this setting before resetting the device.

- **Remote controls**: Set the device to allow control of your lost or stolen device remotely via the Internet. To use this feature, you must sign in to your Samsung account.
  - **Account registration**: Add or view your Samsung account.
  - **Use wireless networks**: Set the device to allow location data collection or to determine the location of your lost or stolen device via Wi-Fi or mobile network.
- **SIM Change Alert**: Activate or deactivate the Find my mobile feature which helps locate the device when lost or stolen.
- **Go to the find my mobile webpage**: Access the Find my mobile website (*findmymobile.samsung.com*). You can track and control your lost or stolen device on the Find my mobile website.
- **Set up SIM card lock**:
  - **Lock SIM card**: Activate or deactivate the PIN lock feature to require the PIN before using the device.
  - **Change SIM PIN**: Change the PIN used to access SIM or USIM data.
- **Make passwords visible**: Set the device to display passwords as they are entered.
- **Device administrators**: View device administrators installed on the device. You can allow device administrators to apply new policies to the device.
- **Unknown sources**: Choose to install applications from any source. If not chosen, download applications only from **Play Store**.
- **Verify apps**: Set the device to allow Google to check applications for harmful behaviour before installing them.
- **Change security level**: Set the level for actions under security policy.
- **Security policy updates**:
  - **Automatic updates**: Set the device to check and download security updates automatically.
  - **Preferred networks**: Select a network connection option to check and download security updates automatically.
  - **Check for updates**: Check for security updates.

- **Send security reports**: Set the device to send security reports automatically when the device is connected to a Wi-Fi network.
- **Storage type**: Set a storage type for credential files.
- **Trusted credentials**: Use certificates and credentials to ensure secure use of various applications.
- **Install from device storage**: Install encrypted certificates from the location or service they are stored in.
- **Clear credentials**: Erase the credential contents from the device and reset the password.

About device

Access device information, edit the device name, or update device software.

Google Settings

Use this application to configure settings for some features provided by Google.

Tap **Google Settings** on the Applications screen.

Troubleshooting

Before contacting a Samsung Service Centre, please attempt the following solutions. Some situations may not apply to your device.

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

- Password: When the device lock feature is enabled, you must enter the password you set for the device.
- PIN: When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM or USIM card. You can disable this feature by using the Lock SIM card menu.
- PUK: Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
- PIN2: When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For details, contact your service provider.

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again. While moving, error messages may appear repeatedly.
- You cannot access some options without a subscription. Contact your service provider for more details.

Your device does not turn on

- When the battery is completely discharged, your device will not turn on. Charge the battery completely before turning on the device.
- The battery may not be inserted properly. Insert the battery again.
- Wipe both gold-coloured contacts and insert the battery again.

The touch screen responds slowly or improperly

- If you attach a protective cover or optional accessories to the touch screen, the touch screen may not function properly.
- If you are wearing gloves, if your hands are not clean while touching the touch screen, or if you tap the screen with sharp objects or your fingertips, the touch screen may malfunction.
- The touch screen may malfunction in humid conditions or when exposed to water.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, visit a Samsung Service Centre.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close applications or reinsert the battery and turn on the device to regain functionality. If your device is frozen and unresponsive, press and hold the Power button for more than 7 seconds to reboot.

If this does not solve the problem, perform a factory data reset. On the Applications screen, tap **Settings** → **General** → **Backup and reset** → **Factory data reset** → **Reset device** → **Erase everything**. Before performing the factory data reset, remember to make backup copies of all important data stored on the device.

If the problem is still not resolved, contact a Samsung Service Centre.

Calls are not connected

- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialling.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Sound echoes during a call

Adjust the volume by pressing the Volume button or move to another area.

A cellular network or the Internet is often disconnected or audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. You may have connectivity problems due to issues with the service provider's base station. Move to another area and try again.
- When using the device while moving, wireless network services may be disabled due to issues with the service provider's network.

The battery icon is empty

Your battery is low. Recharge or replace the battery.

The battery does not charge properly (For Samsung-approved chargers)

- Ensure that the charger is connected properly.
- If the battery terminals are dirty, the battery may not charge properly or the device may turn off. Wipe both gold-coloured contacts and try charging the battery again.
- The batteries in some devices are not user-replaceable. To have the battery replaced, visit a Samsung Service Centre.

The battery depletes faster than when first purchased

- When you expose the battery to very cold or very hot temperatures, the useful charge may be reduced.
- Battery consumption increases when you use messaging features or some applications, such as games or the Internet.
- The battery is consumable and the useful charge will get shorter over time.

Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Photo quality is poorer than the preview

- The quality of your photos may vary, depending on the surroundings and the photography techniques you use.
- If you take photos in dark areas, at night, or indoors, image noise may occur or images may be out of focus.

Error messages appear when opening multimedia files

If you receive error messages or files do not play, when opening multimedia files on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

- Your device supports photos and videos captured with the device. Photos and videos captured by other devices may not work properly.
- Your device supports multimedia files that are authorised by your network service provider or providers of additional services. Some content circulated on the Internet, such as ringtones, videos, or wallpapers, may not work properly.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper driver installed and updated on your computer.
- If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer.
- Ensure that you have Samsung Kies or Windows Media Player 10 or higher installed on your computer.

Your device cannot find your current location

GPS signals may be obstructed in some locations, such as indoors. Set the device to use Wi-Fi or a mobile network to find your current location in these situations.

Data stored on the device has been lost

Always make backup copies of all important data stored on the device. Otherwise, you cannot restore data if it is corrupted or lost. Samsung is not responsible for the loss of data stored on the device.

A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

Some content may differ from your device depending on the region, service provider, or software version, and is subject to change without prior notice.

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